

INDIAN ADMINISTRATION.

BY

VAMAN GOVIND KALE, M. A.,
Professor, Fergusson College, Poona.



POONA :

Printed and Published at the *Aryabhushan* Press,

by

NATESH APPAJI DRAVID.

ALL RIGHTS RESERVED.

PRICE Re. 1-4-0.

1913.

INDIAN ADMINISTRATION.

BY

VAMAN GOVIND KALE, M. A.,
Professor, Fergusson College, Poona.



POONA :

Printed and Published at the *Aryabhushan Press*,

by

NATESH APPAJI DRAVID.

ALL RIGHTS RESERVED.

PRICE Re. 1-4-0.

1913.

THE JOURNAL OF THE

THE JOURNAL OF THE
THE JOURNAL OF THE



THE JOURNAL OF THE
THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

W/0802:No

E3

12621

12621

E3

M/0805:No



1987

1988

1989

Preface.

I believe no apology is needed for placing the following pages before the educated public in India. Though problems of constitutional and administrative importance have often evoked an amount of interest in this country, a thoughtful study of them has always been confined to a small section of the educated class of Indians. The constitutional developments of the last few years have, however, brought questions relating to the machinery of Indian government and administration into greater prominence, and the value of a general knowledge of the whole subject is coming to be better realized. There are a few admirable books dealing with the topics which have been treated in this volume, and those of Sir C. P. Ilbert, Sir John Strachey, Sir George Chesney and Mr. A. R. Iyengar, besides the Imperial Gazetteer, deserve particular mention. But they could not render superfluous a handy and cheap volume, giving in a reasonable space, a vivid and popular account of the system of Indian administration and bringing up to date all available information on the subject.

The book is intended for the ordinary educated and intelligent reader. It is designed to impart to him a decent knowledge of the machinery of British administration of India, which has become so necessary to every Indian citizen at the present time. Though mainly written for the uninitiated, it is, I hope, not undeserving the attention of the initiated too. The topics treated in this volume are those prescribed for the Intermediate Arts Examination of the University of Bombay; it is, therefore, admirably suited as a text-book for students preparing for that examination. One of the main objects of the reforms recently introduced into the curricula of our University was to induce an intelligent and thoughtful study of history and other subjects among the students, and the treatment adopted in this book

Preface.

I believe no apology is needed for placing the following pages before the educated public in India. Though problems of constitutional and administrative importance have often evoked an amount of interest in this country, a thoughtful study of them has always been confined to a small section of the educated class of Indians. The constitutional developments of the last few years have, however, brought questions relating to the machinery of Indian government and administration into greater prominence, and the value of a general knowledge of the whole subject is coming to be better realized. There are a few admirable books dealing with the topics which have been treated in this volume, and those of Sir C. P. Ilbert, Sir John Strachey, Sir George Chesney and Mr. A. R. Iyengar, besides the Imperial Gazetteer, deserve particular mention. But they could not render superfluous a handy and cheap volume, giving in a reasonable space, a vivid and popular account of the system of Indian administration and bringing up to date all available information on the subject.

The book is intended for the ordinary educated and intelligent reader. It is designed to impart to him a decent knowledge of the machinery of British administration of India, which has become so necessary to every Indian citizen at the present time. Though mainly written for the uninitiated, it is, I hope, not undeserving the attention of the initiated too. The topics treated in this volume are those prescribed for the Intermediate Arts Examination of the University of Bombay; it is, therefore, admirably suited as a text-book for students preparing for that examination. One of the main objects of the reforms recently introduced into the curricula of our University was to induce an intelligent and thoughtful study of history and other subjects among the students, and the treatment adopted in this book

is calculated best to facilitate the attainment of this object. The development of the British Government of India and of the various branches of the system of administration, has been traced at some length from the beginning and ample statistical and other information has been supplied. These features of the book are expected to provoke thought and lead the reader to pursue further careful study for himself and to form independent views of his own. In the case of the few controversial matters which could not be excluded from a book like this, both sides of the questions have been fairly stated, and as far as possible, I have refrained from importing personal or dogmatic opinions.

The scope and the purpose of the book being as indicated above, purely theoretical discussions have been avoided except where they were deemed absolutely necessary and the book is, in the main, a plain statement of events and facts. Besides the books referred to above, I am indebted, for my information, to a number and variety of sources too numerous to be mentioned here. I have drawn liberally upon reports and other publications issued by Government from time to time, and several of these sources have been shown in the foot-notes. Whenever convenient, the very language of Statutes, Acts and Reports has been freely used throughout the book, and the latest available statistics have been given, which, it is hoped, will prove interesting and instructive. My experience as a writer on economic and other questions shows that the public, and the student world in particular, is slowly beginning to take a keener interest in the discussion of these problems, and it is to be hoped that that interest will now be stimulated and directed along right lines.

Fergusson College, Poona, }
31st December, 1913.

V. G. KALE.

is calculated best to facilitate the attainment of this object. The development of the British Government of India and of the various branches of the system of administration, has been traced at some length from the beginning and ample statistical and other information has been supplied. These features of the book are expected to provoke thought and lead the reader to pursue further careful study for himself and to form independent views of his own. In the case of the few controversial matters which could not be excluded from a book like this, both sides of the questions have been fairly stated, and as far as possible, I have refrained from importing personal or dogmatic opinions.

The scope and the purpose of the book being as indicated above, purely theoretical discussions have been avoided except where they were deemed absolutely necessary and the book is, in the main, a plain statement of events and facts. Besides the books referred to above, I am indebted, for my information, to a number and variety of sources too numerous to be mentioned here. I have drawn liberally upon reports and other publications issued by Government from time to time, and several of these sources have been shown in the foot-notes. Whenever convenient, the very language of Statutes, Acts and Reports has been freely used throughout the book, and the latest available statistics have been given, which, it is hoped, will prove interesting and instructive. My experience as a writer on economic and other questions shows that the public, and the student world in particular, is slowly beginning to take a keener interest in the discussion of these problems, and it is to be hoped that that interest will now be stimulated and directed along right lines.

Fergusson College, Poona, }
31st December, 1913.

V. G. KALE.



The first part of the document is a letter from the author to the editor. The letter is dated 19th March 1964 and is addressed to the Editor of the Journal of the Royal Society of Medicine. The author is Dr. J. H. G. D. Jones, who is a Lecturer in the Department of Pathology at the University of Liverpool. The letter is a request for the publication of a paper on the subject of 'The Pathology of the Human Heart'. The author states that the paper is a review of the literature on the subject and is intended to provide a summary of the current state of knowledge. The author also mentions that the paper is a collaboration with Dr. J. H. G. D. Jones and Dr. J. H. G. D. Jones. The letter is signed 'J. H. G. D. Jones' and is dated '19th March 1964'.

J. H. G. D. Jones | 19th March 1964

CONTENTS.

CHAPTER I.

INTRODUCTORY:—

India and Great Britain: the mutual benefit of their Providential connection—European nations in the 16th century—Their relations in the 17th century—Struggle between the English and the French East India Companies in India—Progress of the British Company in Bengal—The Moghuls and the Marathas—The conversion of the East India Company into a sovereign body and attempts of the British Parliament to control it—Extension and consolidation of British power in India—Territorial acquisitions of the British Company—Brief summary of the later additions of territory—Transfer of the Government to the Crown—Native States—Population and Area of British Provinces and Native States.

Pages,
1-23

CHAPTER II.

GOVERNMENT OF INDIA:—

Position and powers of the Secretary of the State for India—The East India Company and Parliament—The Regulating Act and the Charter Acts from 1793 to 1853—Act of 1858—Development of the Government of India and the Provincial Governments—Constitution of the Government of India—Viceroy and the Departmental system of work—Governor General and the Executive Council—The several Departments and the Secretariate arrangement—Recent changes and proposals of further reform—Note on the functions of the Government of India.

24-44

CHAPTER III.

THE HOME GOVERNMENT:—

Secretary of State's control over the Government of India—Lord Morley's defence of the existing relations—Parliamentary control over the Government of India and the latter's responsibility to the people of this country—The East India Company and its administration of India before 1858—India Council—The system of the Council's work—Parliament and the expenditure of Indian revenues—Reconstitution of the India Council—Proposed reform of the India Council.

45-64

CHAPTER IV.

PROVINCIAL GOVERNMENTS:—

The Presidencies—Creation of the later administrative divisions—Provinces of British India—Presidency Governments of Bombay, Madras and Bengal and their status—Classification of the provinces of British India and their constitution—Lieutenant Governors and Chief Commissioners—Regulation and non-regulation provinces—Control of the Government of India over Provincial Governments—Centralization of power and the subordinate position of Provincial Governments.

65-83

CHAPTER 1

CHAPTER 1

The first part of the book is devoted to a discussion of the basic concepts and principles of the theory of the firm. It begins with a review of the classical theory of the firm, which is based on the assumption of perfect competition and perfect information. This theory is then extended to the case of imperfect competition and imperfect information, which is the focus of the second part of the book. The third part of the book is devoted to a discussion of the theory of the firm in the context of the modern economy, which is characterized by rapid technological change and global competition. The book concludes with a discussion of the implications of the theory of the firm for public policy.

CHAPTER 2

The second part of the book is devoted to a discussion of the theory of the firm in the context of the modern economy. It begins with a review of the classical theory of the firm, which is based on the assumption of perfect competition and perfect information. This theory is then extended to the case of imperfect competition and imperfect information, which is the focus of the second part of the book. The third part of the book is devoted to a discussion of the theory of the firm in the context of the modern economy, which is characterized by rapid technological change and global competition. The book concludes with a discussion of the implications of the theory of the firm for public policy.

CHAPTER 3

The third part of the book is devoted to a discussion of the theory of the firm in the context of the modern economy. It begins with a review of the classical theory of the firm, which is based on the assumption of perfect competition and perfect information. This theory is then extended to the case of imperfect competition and imperfect information, which is the focus of the second part of the book. The third part of the book is devoted to a discussion of the theory of the firm in the context of the modern economy, which is characterized by rapid technological change and global competition. The book concludes with a discussion of the implications of the theory of the firm for public policy.

CHAPTER 4

The fourth part of the book is devoted to a discussion of the theory of the firm in the context of the modern economy. It begins with a review of the classical theory of the firm, which is based on the assumption of perfect competition and perfect information. This theory is then extended to the case of imperfect competition and imperfect information, which is the focus of the second part of the book. The third part of the book is devoted to a discussion of the theory of the firm in the context of the modern economy, which is characterized by rapid technological change and global competition. The book concludes with a discussion of the implications of the theory of the firm for public policy.

CONTENTS.

CHAPTER I.

INTRODUCTORY:—

Pages,
1-23

India and Great Britain: the mutual benefit of their Providential connection—European nations in the 16th century—Their relations in the 17th century—Struggle between the English and the French East India Companies in India—Progress of the British Company in Bengal—The Moghuls and the Marathas—The conversion of the East India Company into a sovereign body and attempts of the British Parliament to control it—Extension and consolidation of British power in India—Territorial acquisitions of the British Company—Brief summary of the later additions of territory—Transfer of the Government to the Crown—Native States—Population and Area of British Provinces and Native States.

CHAPTER II.

GOVERNMENT OF INDIA:—

24-44

Position and powers of the Secretary of the State for India—The East India Company and Parliament—The Regulating Act and the Charter Acts from 1793 to 1853—Act of 1858—Development of the Government of India and the Provincial Governments—Constitution of the Government of India—Viceroy and the Departmental system of work—Governor General and the Executive Council—The several Departments and the Secretariate arrangement—Recent changes and proposals of further reform—Note on the functions of the Government of India.

CHAPTER III.

THE HOME GOVERNMENT:—

45-64

Secretary of State's control over the Government of India—Lord Morley's defence of the existing relations—Parliamentary control over the Government of India and the latter's responsibility to the people of this country—The East India Company and its administration of India before 1858—India Council—The system of the Council's work—Parliament and the expenditure of Indian revenues—Reconstitution of the India Council—Proposed reform of the India Council.

CHAPTER IV.

PROVINCIAL GOVERNMENTS:—

65-83

The Presidencies—Creation of the later administrative divisions—Provinces of British India—Presidency Governments of Bombay, Madras and Bengal and their status—Classification of the provinces of British India and their constitution—Lieutenant Governors and Chief Commissioners—Regulation and non-regulation provinces—Control of the Government of India over Provincial Governments—Centralization of power and the subordinate position of Provincial Governments.

CHAPTER V.

Pages-

DISTRICT ADMINISTRATION:—

84-104

Concentration of authority in the Government of India—Advocacy of Decentralization—The administrative unit: the District; and the Collector-Magistrate—Sub-divisions of a district and the subdivisional officers—General review of District Administration—Commissioners and their powers—Administrative departments—General administrative machinery of a province: description of the machinery in the Bombay Presidency—The Indian Civil Service—The history and present position of the public service question—Separation of Judicial and Executive functions.

CHAPTER VI.

LEGISLATIVE COUNCILS:—

105-136

First land-mark in the history of the Indian Legislative Councils—Further development of the same—Account of later changes—The Reformed Councils of to-day—Tables showing the constitution of the several Councils under the Regulations of 1912—Official and non-official elements in the Councils—Regulations for election of members to the Imperial Legislative Council—Legislative spheres of the Supreme and the Local Councils and their procedure of business—Resolutions and Bills—Salient features of the Indian Legislative Councils—The Executive, the Electorates and the Franchise—Summary of the constitutional reforms of 1909.

CHAPTER VII.

LOCAL SELF-GOVERNMENT:—

137-157

Local Government: old Local Institutions and the new Local Bodies—Creation of Municipal bodies in presidency and other towns; city and town Municipalities—Lord Ripon's Resolution of 1882—Number and Constitution of Municipalities in the several Provinces—Functions of Municipalities and the sources of their revenue—Financial position of Municipalities—Constitution of Municipal Councils—Municipal self-government in presidency towns—The Bombay Corporation—The Madras Corporation—History of Local Boards—Description of the constitution of District and Local Boards—Their financial position—The Decentralisation Commission and the Local Boards—Port Trusts.

CHAPTER VIII.

FINANCE:—

158-183

Authorities possessing financial power in India—Early history of Indian Finance—Provincial finance and Lord Mayo's Reform—Further development under Lord Lytton; the quasi permanent settlements—The so-called "permanent settlements"—Distribution of total revenue and expenditure between Imperial and Provincial Governments; 1907-1911—Provincial contributions towards the expenditure

CHAPTER 1

1.1
1.2

1.1.1. Introduction

The first part of the book is devoted to the study of the properties of the function $f(x)$ which is defined on the interval $[a, b]$ and which satisfies the conditions $f(a) = 0$ and $f(b) = 0$. It is shown that if $f(x)$ is continuous on $[a, b]$ and if $f(x)$ is not identically zero, then there exists a point ξ in the interval (a, b) such that $f(\xi) = 0$. This result is known as the Intermediate Value Theorem.

1.1.2. Theorem 1.1

Let $f(x)$ be a continuous function on the interval $[a, b]$ and let $f(a) = 0$ and $f(b) = 0$. Then there exists a point ξ in the interval (a, b) such that $f(\xi) = 0$. This result is known as the Intermediate Value Theorem.

1.1.3. Theorem 1.2

1.1.4. Theorem 1.3

Let $f(x)$ be a continuous function on the interval $[a, b]$ and let $f(a) = 0$ and $f(b) = 0$. Then there exists a point ξ in the interval (a, b) such that $f(\xi) = 0$. This result is known as the Intermediate Value Theorem.

1.1.5. Theorem 1.4

1.1.6. Theorem 1.5

Let $f(x)$ be a continuous function on the interval $[a, b]$ and let $f(a) = 0$ and $f(b) = 0$. Then there exists a point ξ in the interval (a, b) such that $f(\xi) = 0$. This result is known as the Intermediate Value Theorem.

CHAPTER V.

Pages.

DISTRICT ADMINISTRATION:—

84-104

Concentration of authority in the Government of India—Advocacy of Decentralization—The administrative unit: the District; and the Collector-Magistrate—Sub-divisions of a district and the subdivisional officers—General review of District Administration—Commissioners and their powers—Administrative departments—General administrative machinery of a province: description of the machinery in the Bombay Presidency—The Indian Civil Service—The history and present position of the public service question—Separation of Judicial and Executive functions.

CHAPTER VI.

LEGISLATIVE COUNCILS:—

105-136

First land-mark in the history of the Indian Legislative Councils—Further development of the same—Account of later changes—The Reformed Councils of to-day—Tables showing the constitution of the several Councils under the Regulations of 1912—Official and non-official elements in the Councils—Regulations for election of members to the Imperial Legislative Council—Legislative spheres of the Supreme and the Local Councils and their procedure of business—Resolutions and Bills—Salient features of the Indian Legislative Councils—The Executive, the Electorates and the Franchise—Summary of the constitutional reforms of 1909.

CHAPTER VII.

LOCAL SELF-GOVERNMENT:—

137-157

Local Government: old Local Institutions and the new Local Bodies—Creation of Municipal bodies in presidency and other towns; city and town Municipalities—Lord Ripon's Resolution of 1882—Number and Constitution of Municipalities in the several Provinces—Functions of Municipalities and the sources of their revenue—Financial position of Municipalities—Constitution of Municipal Councils—Municipal self-government in presidency towns—The Bombay Corporation—The Madras Corporation—History of Local Boards—Description of the constitution of District and Local Boards—Their financial position—The Decentralisation Commission and the Local Boards—Port Trusts.

CHAPTER VIII.

FINANCE:—

158-183

Authorities possessing financial power in India—Early history of Indian Finance—Provincial finance and Lord Mayo's Reform—Further development under Lord Lytton; the quasi permanent settlements—The so-called "permanent settlements"—Distribution of total revenue and expenditure between Imperial and Provincial Governments; 1907-1911—Provincial contributions towards the expenditure

of the Government of India: Gross Revenue and expenditure for British India during five years ending in 1911-1912—Tables showing net revenue and expenditure of British India—Various heads of revenue: taxation and non-taxation revenue—Various heads of expenditure—Home charges and the Gold Standard Reserve Fund—Organization of the Finance Department.

CHAPTER IX.

LAND REVENUE:—

184-200

System of land revenue in pre-British times—Position at the end of the 18th century—What is land revenue in India—a 'tax' or a 'rent'?—Theory of State-landlordism: its consequences and rejection—infinite variety of land tenure in India—classification of the systems of land revenue settlement—The Zamindari and Rayatwari settlements—Land survey and Record of Rights—Underlying principle of land-revenue assessment in India—Comparative merits of the Permanent and Temporary settlements—The Government of India's Resolution on Land Revenue Policy, 1902—Criticism of suggested reforms in that policy—Tenancy Acts.

CHAPTER X.

LAW AND JUSTICE:—

201-212

Administration of justice in the early days of the East India Company—Creation of civil and criminal courts and the codification of laws—Creation of High Courts: their jurisdiction and powers.—District and Subordinate Courts—The right of appeal and increase of litigation—Number and character of suits instituted—Indian Magistrates and European British subjects.

CHAPTER XI.

POLICE AND JAILS:—

213-226

Indigenous Police administration—Early reform in Police organization—Police Commission of 1860—Commission of 1902 and its recommendations—Existing Police organization—Police functions—Some statistics—Condition of prisons—Existing prison arrangements, and classification and treatment of prisoners—Penal settlement in the Andaman Islands.

CHAPTER XII.

EDUCATION:—

227-263

Sir Charles Wood's Despatch—Indigenous system of education—Earlier attempts of the British Government—The famous controversy between Orientalists and Anglicists—Macaulay's Minute—Educational progress between 1854 and 1882—Lord Curzon's educational reform—Classification of educational institutions—Illiteracy and advocacy of compulsory primary education—The Hon'ble Mr. Gokhale's speech—Secondary Schools—Special Schools—The Universities Act of 1904

1. The first part of the report is a summary of the work done during the year. It is a brief statement of the results of the work, and is intended to give a general impression of the progress made.

2. The second part of the report is a detailed account of the work done during the year.

2.1. The first part of this section is a summary of the work done during the year.

2.1.1

The first part of this section is a summary of the work done during the year. It is a brief statement of the results of the work, and is intended to give a general impression of the progress made.

2.2. The second part of this section is a detailed account of the work done during the year.

2.2.1

2.2.1

The second part of this section is a detailed account of the work done during the year. It is a brief statement of the results of the work, and is intended to give a general impression of the progress made.

2.3. The third part of this section is a detailed account of the work done during the year.

2.3.1

2.3.1

The third part of this section is a detailed account of the work done during the year. It is a brief statement of the results of the work, and is intended to give a general impression of the progress made.

2.4. The fourth part of this section is a detailed account of the work done during the year.

2.4.1

2.4.1

The fourth part of this section is a detailed account of the work done during the year. It is a brief statement of the results of the work, and is intended to give a general impression of the progress made.

of the Government of India: Gross Revenue and expenditure for British India during five years ending in 1911-1912—Tables showing net-revenue and expenditure of British India—Various heads of revenue: taxation and non-taxation revenue—Various heads of expenditure—Home charges and the Gold Standard Reserve Fund—Organization of the Finance Department.

CHAPTER IX.

LAND REVENUE:—

184-200

System of land revenue in pre-British times—Position at the end of the 18th century—What is land revenue in India—a 'tax' or a 'rent'?—Theory of State-landlordism : its consequences and rejection—infinite variety of land tenure in India—Classification of the systems of land revenue settlement—The Zamindari and Rayatwari settlements—Land survey and Record of Rights—Underlying principle of land-revenue assessment in India—Comparative merits of the Permanent and Temporary settlements—The Government of India's Resolution on Land Revenue Policy, 1902—Criticism of suggested reforms in that policy—Tenancy Acts.

CHAPTER X.

LAW AND JUSTICE :—

201-212

Administration of justice in the early days of the East India Company—Creation of civil and criminal courts and the codification of laws—Creation of High Courts : their jurisdiction and powers.—District and Subordinate Courts—The right of appeal and increase of litigation—Number and character of suits instituted—Indian Magistrates and European British subjects.

CHAPTER XI.

POLICE AND JAILS :—

213-226

Indigenous Police administration—Early reform in Police organization—Police Commission of 1860—Commission of 1902 and its recommendations—Existing Police organization—Police functions—Some statistics—Condition of prisons—Existing prison arrangements, and classification and treatment of prisoners—Penal settlement in the Andaman Islands.

CHAPTER XII.

EDUCATION :—

227-263

Sir Charles Wood's Despatch—Indigenous system of education—Earlier attempts of the British Government—The famous controversy between Orientalists and Anglicists—Macaulay's Minute—Educational progress between 1854 and 1882—Lord Curzon's educational reform—Classification of educational institutions—Illiteracy and advocacy of compulsory primary education—The Hon'ble Mr. Gokhale's speech—Secondary Schools—Special Schools—The Universities Act of 1904

—The present position of collegiate education—Technical and commercial education—Religious and moral education—Public expenditure on education—Government of India's Resolution on educational progress and policy issued on 21st February, 1913.

CHAPTER XIII.

MEDICAL RELIEF AND SANITATION :—

264—283

Indian Medicine : the indigenous system—Organization of medical relief under British rule—Hospitals and dispensaries—The Medical Services—Medical and sanitary administration of a province and a district—Vital statistics—Recent 'sanitary awakening'—Sanitary organization—Government of Bombay's Resolution—Rural sanitation.

CHAPTER XIV.

PUBLIC WORKS :—

284—298

Comparative neglect of Public Works in the early days of the Company's rule—The earlier organization on a limited scale—Lord Dalhousie's stimulus: Railway construction undertaken—The systems followed—Changes in the system—Progress of railways—Demand for a more vigorous policy of railway construction—Hon'ble Sir G. F. Wilson's statement of the policy of Government—Irrigation in pre-British times—Different systems of irrigation—Recent progress of irrigation—Classification of irrigation works—Irrigation Commission of 1903—Civil buildings and roads—Organization of Imperial and Provincial Public Works Departments.

-The present position of collegiate education—Technical and commercial education—Religious and moral education—Public expenditure on education—Government of India's Resolution on educational progress and policy issued on 21st February, 1913.

CHAPTER XIII.

MEDICAL RELIEF AND SANITATION :—

264—283

Indian Medicine : the indigenous system—Organization of medical relief under British rule—Hospitals and dispensaries—The Medical Services—Medical and sanitary administration of a province and a district—Vital statistics—Recent 'sanitary awakening'—Sanitary organization—Government of Bombay's Resolution—Rural sanitation.

CHAPTER XIV.

PUBLIC WORKS :—

284—298

Comparative neglect of Public Works in the early days of the Company's rule—The earlier organization on a limited scale—Lord Dalhousie's stimulus: Railway construction undertaken—The systems followed—Changes in the system—Progress of railways—Demand for a more vigorous policy of railway construction—Hon'ble Sir G. F. Wilson's statement of the policy of Government—Irrigation in pre-British times—Different systems of irrigation—Recent progress of irrigation—Classification of irrigation works—Irrigation Commission of 1903—Civil buildings and roads—Organization of Imperial and Provincial Public Works Departments.

[illegible]

100



The following table shows the results of the regression analysis for the dependent variable "Number of children" (N = 1,000). The independent variables are "Age", "Gender", "Marital Status", "Income", and "Education". The table includes the coefficient, standard error, t-statistic, and p-value for each variable.

Variable	Coefficient	Standard Error	t-statistic	p-value
Age	0.05	0.01	5.00	0.000
Gender	0.10	0.05	2.00	0.045
Marital Status	0.20	0.02	10.00	0.000
Income	0.02	0.01	2.00	0.045
Education	0.01	0.01	1.00	0.317

The regression equation is: $\text{Number of children} = 0.05 \times \text{Age} + 0.10 \times \text{Gender} + 0.20 \times \text{Marital Status} + 0.02 \times \text{Income} + 0.01 \times \text{Education} + \text{Constant}$.

INDIAN ADMINISTRATION.

CHAPTER I.

INTRODUCTORY.

BY all thoughtful Indians the connection between Great Britain and India has been happily characterised as providential. India is a valuable asset of the British Empire. From the political, the strategical and the economic points of view this country occupies, in the organization of the Empire, a position of pivotal pre-eminence. In international rivalry, which, for centuries, has brought the European nations into conflict with one another in the arena of the East, British power in India is an important factor whose importance is bound to grow in the years to come, materially strengthening the hands of England in the struggles of the future. It is the possession of India which has mainly contributed to the expansion of Great Britain into an Imperial power and most of the grandeur attaching to the British Empire, is imparted by the lustre of the Indian jewel in the crown of the King-Emperor. The sons of Britain have found ample scope in this Dependency for the exercise of their commercial and political genius, and the economic advantage England has derived by the acquisition of India is not inconsiderable. The benefit which has resulted from the providential linking together of the destinies of the two countries is, however, mutual, and India is highly indebted to England for the many inestimable blessings British rule has conferred upon the people of this country. To appre-

THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE

Volume 100, Part 1, 2000

Editorial Board

Editorial Board

Editorial Board

Editorial Board

The Journal of the Royal Anthropological Institute is a peer-reviewed journal of research in human evolution, primatology, and human biology. It is published quarterly by the Royal Anthropological Institute of Great Britain and Ireland. The journal covers a wide range of topics, including human evolution, primatology, human biology, and human ecology. It is a leading journal in the field of human evolution and primatology.

The journal is published by the Royal Anthropological Institute of Great Britain and Ireland. The journal is a peer-reviewed journal of research in human evolution, primatology, and human biology. It is published quarterly by the Royal Anthropological Institute of Great Britain and Ireland.

The journal is a peer-reviewed journal of research in human evolution, primatology, and human biology. It is published quarterly by the Royal Anthropological Institute of Great Britain and Ireland. The journal covers a wide range of topics, including human evolution, primatology, human biology, and human ecology.

The journal is a peer-reviewed journal of research in human evolution, primatology, and human biology. It is published quarterly by the Royal Anthropological Institute of Great Britain and Ireland. The journal covers a wide range of topics, including human evolution, primatology, human biology, and human ecology.

The journal is a peer-reviewed journal of research in human evolution, primatology, and human biology. It is published quarterly by the Royal Anthropological Institute of Great Britain and Ireland. The journal covers a wide range of topics, including human evolution, primatology, human biology, and human ecology.

The journal is a peer-reviewed journal of research in human evolution, primatology, and human biology. It is published quarterly by the Royal Anthropological Institute of Great Britain and Ireland. The journal covers a wide range of topics, including human evolution, primatology, human biology, and human ecology.

The journal is a peer-reviewed journal of research in human evolution, primatology, and human biology. It is published quarterly by the Royal Anthropological Institute of Great Britain and Ireland. The journal covers a wide range of topics, including human evolution, primatology, human biology, and human ecology.

The journal is a peer-reviewed journal of research in human evolution, primatology, and human biology. It is published quarterly by the Royal Anthropological Institute of Great Britain and Ireland. The journal covers a wide range of topics, including human evolution, primatology, human biology, and human ecology.

INDIAN ADMINISTRATION.

CHAPTER I.

INTRODUCTORY.

BY all thoughtful Indians the connection between Great Britain and India has been happily characterised as providential. India is a valuable asset of the British Empire. From the political, the strategical and the economic points of view this country occupies, in the organization of the Empire, a position of pivotal pre-eminence. In international rivalry, which, for centuries, has brought the European nations into conflict with one another in the arena of the East, British power in India is an important factor whose importance is bound to grow in the years to come, materially strengthening the hands of England in the struggles of the future. It is the possession of India which has mainly contributed to the expansion of Great Britain into an Imperial power and most of the grandeur attaching to the British Empire, is imparted by the lustre of the Indian jewel in the crown of the King-Emperor. The sons of Britain have found ample scope in this Dependency for the exercise of their commercial and political genius, and the economic advantage England has derived by the acquisition of India is not inconsiderable. The benefit which has resulted from the providential linking together of the destinies of the two countries is, however, mutual, and India is highly indebted to England for the many inestimable blessings British rule has conferred upon the people of this country. To appre-

ciate this fact one has only to recall the backward, chaotic and miserable condition of this continent during the centuries which preceded the rise of the British power in the country and contrast it with the orderly, progressive and peaceful government which was established in it in the course of the past hundred years. India then presented an aspect not unlike that of Europe during the Dark Ages—the whole country torn up by tribal and dynastic feuds, exposed to frequent attacks from without, a prey to misrule, tyranny and civil wars, steeped in ignorance and shut out from modern material civilization. With the advent of the British power this state of things gradually ended. Wherever that power spread, it was cheerfully recognized as a guarantee of peace, order and justice, and to-day, India is treading the path of unity and progress, thus coming slowly but surely into line with the advanced nations of the world. The old theory of the British "Conquest" of India has now been generally abandoned, and it is recognized that the so-called conquest was rather in the nature of an internal revolution directed by Englishmen, but carried out for the most part through the natives of India themselves. Britain's mission in India is, therefore, a beneficent and a noble one, and though it will take years to be carried out completely, the progress which has been already achieved within less than a century of British Government, is an earnest of the rapid advance the country is calculated to make in the new conditions we see round us to-day.

Whatever may be the aim inspiring the British policy underlying the governance of India, it is not to be supposed that there was, from the outset, a conscious attempt to build up a large empire in this country on a particular basis. As the ancestors of the pro-consuls who were sent out from Rome to govern large territories on the continent of Europe or in Asia, in the time of the Republic or the Empire, could not have dreamt of such extension of their early narrow

ciate this fact one has only to recall the backward, chaotic and miserable condition of this continent during the centuries which preceded the rise of the British power in the country and contrast it with the orderly, progressive and peaceful government which was established in it in the course of the past hundred years. India then presented an aspect not unlike that of Europe during the Dark Ages—the whole country torn up by tribal and dynastic feuds, exposed to frequent attacks from without, a prey to misrule, tyranny and civil wars, steeped in ignorance and shut out from modern material civilization. With the advent of the British power this state of things gradually ended. Wherever that power spread, it was cheerfully recognized as a guarantee of peace, order and justice, and to-day, India is treading the path of unity and progress, thus coming slowly but surely into line with the advanced nations of the world. The old theory of the British "Conquest" of India has now been generally abandoned, and it is recognized that the so-called conquest was rather in the nature of an internal revolution directed by Englishmen, but carried out for the most part through the natives of India themselves. Britain's mission in India is, therefore, a beneficent and a noble one, and though it will take years to be carried out completely, the progress which has been already achieved within less than a century of British Government, is an earnest of the rapid advance the country is calculated to make in the new conditions we see round us to-day.

Whatever may be the aim inspiring the British policy underlying the governance of India, it is not to be supposed that there was, from the outset, a conscious attempt to build up a large empire in this country on a particular basis. As the ancestors of the pro-consuls who were sent out from Rome to govern large territories on the continent of Europe or in Asia, in the time of the Republic or the Empire, could not have dreamt of such extension of their early narrow

territory to the confines of the then-known world and of its universal civilizing influence which almost changed the face of the Earth, so the early British merchants and factors could not have foreseen that their successors would, in the course of two centuries, become responsible for the administration of a vast empire so strange, and so distant from home. For Englishmen, like the Portuguese and the Dutch, were attracted to the East by a spirit of enterprise and a consuming desire for gain. The commerce with the East had ever been the object of ambition with the cities and nations of Europe, and Venice and Genoa, Byzantium and Alexandria, not to speak of the early Phoenicians of Tyre and Sydon and Arabs of later times, had struggled to keep their hold on that trade. The discovery of America and of a new sea-route round the Cape of Good Hope, brought about a revolution in the extent and direction of the sea-borne trade with Asia. A spirit of enterprise and naval daring led the Portuguese to scour over the Western and the Eastern seas and an absorbing desire to capture the trade of Asia made them establish their settlements on the coasts of Africa and India. The glory of Portugal was, however, short-lived and passed into the hands of the Spaniards by whom that nation was conquered. Religious animosities between Roman Catholics and Protestants ranged the nations of Europe in two hostile camps which were led by Spain and England respectively. In the sixteenth century the Dutch Republic became independent by throwing off the yoke of Spanish tyranny, and the alliance of England with the United Provinces committed the former to a policy of war with Spain. The memorable English victory of 1588 over the Spanish Armada was a turning point in the history of the commercial competition that raged among the nations of Europe and the memorial addressed next year by certain English merchants to the Virgin Queen soliciting a license to carry on trading enterprise in the East Indies, opened a new chapter in the story

territory to the confines of the then-known world and of its universal civilizing influence which almost changed the face of the Earth, so the early British merchants and factors could not have foreseen that their successors would, in the course of two centuries, become responsible for the administration of a vast empire so strange, and so distant from home. For Englishmen, like the Portuguese and the Dutch, were attracted to the East by a spirit of enterprise and a consuming desire for gain. The commerce with the East had ever been the object of ambition with the cities and nations of Europe, and Venice and Genoa, Byzantium and Alexandria, not to speak of the early Phœnicians of Tyre and Sydon and Arabs of later times, had struggled to keep their hold on that trade. The discovery of America and of a new sea-route round the Cape of Good Hope, brought about a revolution in the extent and direction of the sea-borne trade with Asia. A spirit of enterprise and naval daring led the Portuguese to scour over the Western and the Eastern seas and an absorbing desire to capture the trade of Asia made them establish their settlements on the coasts of Africa and India. The glory of Portugal was, however, short-lived and passed into the hands of the Spaniards by whom that nation was conquered. Religious animosities between Roman Catholics and Protestants ranged the nations of Europe in two hostile camps which were led by Spain and England respectively. In the sixteenth century the Dutch Republic became independent by throwing off the yoke of Spanish tyranny, and the alliance of England with the United Provinces committed the former to a policy of war with Spain. The memorable English victory of 1588 over the Spanish Armada was a turning point in the history of the commercial competition that raged among the nations of Europe and the memorial addressed next year by certain English merchants to the Virgin Queen soliciting a license to carry on trading enterprise in the East Indies, opened a new chapter in the story

of the English nation. The movement on the part of the Dutch and, later on, that of the English people to break on the commercial monopoly of Spain, was bitterly resented by that nation and a desperate struggle ensued between it and Holland which, however, terminated in the decline of Spain. In the last year of the seventeenth century Elizabeth granted a charter to the Company of London merchants to trade with the East. In the meantime, the activity of the Dutch in the Eastern seas had been continuous and strenuous. England and Holland co-operated to oust the Spaniards from their monopoly of Eastern trade, but as their interests clashed, the two nations were bound to come into conflict with each other as soon as the common enemy was got out of the way. Holland usurped the rich heritage of the Portuguese and their settlements gradually passed into Dutch hands. That nation now found itself face to face with another rival and in the inevitable struggle that came on, Holland proved the superior.

Dutch merchants occupied the Spice Islands and monopolised almost the whole of the Spice trade. Before them the English had to retire discomfited further to the West. Portugal had now fallen entirely out of the race and the English Company was steadily pushing on its trade in India, having established its factories at Surat, Masalipatan and Madras before the middle of the seventeenth century. Its progress was facilitated by the concessions the English Company was able to obtain from the Moghul emperors but it did not receive from the government at home such strong and unfailing support as its rivals were fortunate in obtaining, and consequently the position of the Dutch East India Company was peculiarly favourable. It is not necessary here to describe at length the struggle for supremacy which raged between the two Protestant naval powers of Europe. England strained every nerve to put down her

of the English nation. The movement on the part of the Dutch and, later on, that of the English people to break on the commercial monopoly of Spain, was bitterly resented by that nation and a desperate struggle ensued between it and Holland which, however, terminated in the decline of Spain. In the last year of the seventeenth century Elizabeth granted a charter to the Company of London merchants to trade with the East. In the meantime, the activity of the Dutch in the Eastern seas had been continuous and strenuous. England and Holland co-operated to oust the Spaniards from their monopoly of Eastern trade, but as their interests clashed, the two nations were bound to come into conflict with each other as soon as the common enemy was got out of the way. Holland usurped the rich heritage of the Portuguese and their settlements gradually passed into Dutch hands. That nation now found itself face to face with another rival and in the inevitable struggle that came on, Holland proved the superior.

Dutch merchants occupied the Spice Islands and monopolised almost the whole of the Spice trade. Before them the English had to retire discomfited further to the West. Portugal had now fallen entirely out of the race and the English Company was steadily pushing on its trade in India, having established its factories at Surat, Masalipatan and Madras before the middle of the seventeenth century. Its progress was facilitated by the concessions the English Company was able to obtain from the Moghul emperors but it did not receive from the government at home such strong and unfailing support as its rivals were fortunate in obtaining, and consequently the position of the Dutch East India Company was peculiarly favourable. It is not necessary here to describe at length the struggle for supremacy which raged between the two Protestant naval powers of Europe. England strained every nerve to put down her

The first of these is the fact that the majority of the population of the island are of African descent, and that the remainder are of European descent. The second is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The third is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The fourth is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The fifth is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The sixth is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The seventh is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The eighth is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The ninth is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The tenth is the fact that the majority of the population are of African descent, and that the remainder are of European descent.

The first of these is the fact that the majority of the population of the island are of African descent, and that the remainder are of European descent. The second is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The third is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The fourth is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The fifth is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The sixth is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The seventh is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The eighth is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The ninth is the fact that the majority of the population are of African descent, and that the remainder are of European descent. The tenth is the fact that the majority of the population are of African descent, and that the remainder are of European descent.

rival and to strengthen her navy, and the frequent Dutch wars of the time of Cromwell and Charles II show how keen the competition had become. The charter of the English Company was renewed from time to time and as it was expected to protect itself against enemies and rivals in distant seas, extensive privileges and authority were granted to it. Soon after the Restoration, the island of Bombay was ceded by the Portuguese to England and it was granted by Charles in full property to the East India Company. While the two Protestant powers of northern Europe were fighting with each other, the ambition of the French people was roused and in 1664 the French East India Company was founded. A new element of disturbance was thus introduced into the situation, and India, like other parts of the world, was affected by the struggle between the English and the French. Sir Alfred Lyall thus sums up the position:—"In short, at the beginning of the seventeenth century, the desire to destroy the colonies and commerce of Spain and Portugal united against them the Dutch and English in the East Indies. Then, as the power of the Spanish empire waned, the two Northern nations, having the Asiatic field to themselves for a time, turned savagely on each other. But the fierce naval fighting that ensued between the Dutch and English enfeebled both nations; and they soon became equally distrustful of the designs of the French not only in Europe, but also in Asia; for France was now entering the arena, although many years were still to pass before she could establish herself substantially upon the coast of India." The brilliant reign of Louis XIV was one long attempt on the part of France to gain predominance on the continent of Europe at the expense of Holland which by the end of the seventeenth century, had considerably declined. France and Holland soon exhausted themselves in the struggle and England profited by it to extend and consolidate her eastern trade. The Revolution of 1688 saw the English East India Company firm,

rival and to strengthen her navy, and the frequent Dutch wars of the time of Cromwell and Charles II show how keen the competition had become. The charter of the English Company was renewed from time to time and as it was expected to protect itself against enemies and rivals in distant seas, extensive privileges and authority were granted to it. Soon after the Restoration, the island of Bombay was ceded by the Portuguese to England and it was granted by Charles in full property to the East India Company. While the two Protestant powers of northern Europe were fighting with each other, the ambition of the French people was roused and in 1664 the French East India Company was founded. A new element of disturbance was thus introduced into the situation, and India, like other parts of the world, was affected by the struggle between the English and the French. Sir Alfred Lyall thus sums up the position:—"In short, at the beginning of the seventeenth century, the desire to destroy the colonies and commerce of Spain and Portugal united against them the Dutch and English in the East Indies. Then, as the power of the Spanish empire waned, the two Northern nations, having the Asiatic field to themselves for a time, turned savagely on each other. But the fierce naval fighting that ensued between the Dutch and English enfeebled both nations; and they soon became equally distrustful of the designs of the French not only in Europe, but also in Asia; for France was now entering the arena, although many years were still to pass before she could establish herself substantially upon the coast of India." The brilliant reign of Louis XIV was one long attempt on the part of France to gain predominance on the continent of Europe at the expense of Holland which by the end of the seventeenth century, had considerably declined. France and Holland soon exhausted themselves in the struggle and England profited by it to extend and consolidate her eastern trade. The Revolution of 1688 saw the English East India Company firm,

ly rooted in the Indian soil and from its establishments at Bombay, Madras and Calcutta, preparing for further expansion. By this time the sun of the Moghul empire was setting. The process of disintegration had already commenced and the final catastrophe was only a question of years. The governors of the various subhas became independent rulers owing only a nominal, if any, allegiance to Delhi. The Marathas in the South gradually absorbed territories that were once in the possession of the Mahomedans and aspired to an extensive empire covering the territories of the Moghuls. The death of Aurangzeb threw the whole land into confusion and was followed by an outbreak of civil discord and disorder. The weakness of the central authority and the general chaos facilitated the progress of the East India Company. The importance of the East India trade and of the possession of India was recognized and pointed out in those days by some who were acquainted with the conditions obtaining in this country.

The dawn of the eighteenth century found England and France face to face with each other contending for commercial and political predominance both in Europe and Asia. The stage had been cleared of the Portuguese and the Dutch, the settlements of the latter being confined to Ceylon, Java and the Spice Islands. The political antagonism between the rivals on the two sides of the British Channel had been inherited from past generations. Portugal, Spain and Holland being practically eliminated from the race, France strove, throughout the eighteenth century, to undermine the power of her only rival, but in vain. Both nations had their colonies in America and settlements in India and were bound to come into conflict with each other. The condition of war or peace in Europe reacted upon the relations of the English and French Companies in India and the struggle was renewed or suspended accordingly. When the French and the English commenced a war in Europe about

ly rooted in the Indian soil and from its establishments at Bombay, Madras and Calcutta, preparing for further expansion. By this time the sun of the Moghul empire was setting. The process of disintegration had already commenced and the final catastrophe was only a question of years. The governors of the various subhas became independent rulers owing only a nominal, if any, allegiance to Delhi. The Marathas in the South gradually absorbed territories that were once in the possession of the Mahomedans and aspired to an extensive empire covering the territories of the Moghuls. The death of Aurangzeb threw the whole land into confusion and was followed by an outbreak of civil discord and disorder. The weakness of the central authority and the general chaos facilitated the progress of the East India Company. The importance of the East India trade and of the possession of India was recognized and pointed out in those days by some who were acquainted with the conditions obtaining in this country.

The dawn of the eighteenth century found England and France face to face with each other contending for commercial and political predominance both in Europe and Asia. The stage had been cleared of the Portuguese and the Dutch, the settlements of the latter being confined to Ceylon, Java and the Spice Islands. The political antagonism between the rivals on the two sides of the British Channel had been inherited from past generations. Portugal, Spain and Holland being practically eliminated from the race, France strove, throughout the eighteenth century, to undermine the power of her only rival, but in vain. Both nations had their colonies in America and settlements in India and were bound to come into conflict with each other. The condition of war or peace in Europe reacted upon the relations of the English and French Companies in India and the struggle was renewed or suspended accordingly. When the French and the English commenced a war in Europe about

The American Medical Association is a national organization of physicians and surgeons, organized for the purpose of promoting the interests of the medical profession and the public. It is a non-profit corporation, organized under the laws of the United States, and is the largest and most influential of the medical organizations in this country. The Association is composed of more than 50,000 members, who are organized into local, state, and national societies. The Association's primary concern is the promotion of the highest standards of medical education, research, and practice. It is also concerned with the regulation of the medical profession, and with the improvement of the medical service to the public. The Association's activities are carried on through its various departments, which include the Department of Education, the Department of Research, the Department of Legislation, and the Department of Public Relations. The Association's efforts are directed towards the advancement of the medical profession and the betterment of the health of the people.

The American Medical Association is a national organization of physicians and surgeons, organized for the purpose of promoting the interests of the medical profession and the public. It is a non-profit corporation, organized under the laws of the United States, and is the largest and most influential of the medical organizations in this country. The Association is composed of more than 50,000 members, who are organized into local, state, and national societies. The Association's primary concern is the promotion of the highest standards of medical education, research, and practice. It is also concerned with the regulation of the medical profession, and with the improvement of the medical service to the public. The Association's activities are carried on through its various departments, which include the Department of Education, the Department of Research, the Department of Legislation, and the Department of Public Relations. The Association's efforts are directed towards the advancement of the medical profession and the betterment of the health of the people.

1745, the Companies in India were infected with the warlike spirit and the Carnatic became the theatre of the first and the most memorable contest between the two European nations represented by the commercial bodies. The affairs of the French Company were, at this time, controlled by Dupleix, the ambitious governor, who aspired to drive away the English from India, and to found a powerful French empire by meddling in and taking advantage of the quarrels of the native chiefs contending with one another. The political conditions of the country were propitious and Dupleix was the proper man to turn them to account. But the Carnatic conflict was only an episode in the great military drama that was going on on a more extensive stage. The war which the peace of Aix-la-chapelle terminated, had left France crippled in resources and the French Company was affected by this national exhaustion. But the plans of Dupleix were not disturbed and he resolved to plunge deeper into the factious turmoil that arose round the throne of the Nizam and of the Nabob of the Carnatic to secure for his nation a position of predominance in India. The temptation was too great to be resisted and both the French and English Companies began to move their pawns on the chess-board of Southern India, putting forward and supporting rival claimants. Fortune seemed to smile on Dupleix's ambitious operations at the outset but his opponents were ever on the alert and capable, and the issue of the contest depended ultimately less on the temporary success which might be gained in the Carnatic and at Hyderabad than on the financial and naval position of the French Government in Europe, where it was confronted by the superior fleet and other resources of the British nation. When the Seven Years' War was declared in the West, the English Company in India was becoming the master of Bengal. The mantle of Dupleix had fallen upon Lally who had, however, to face the same difficulties. The victory of Plassey over the Nabob of Bengal strengthened the hands

1745, the Companies in India were infected with the warlike spirit and the Carnatic became the theatre of the first and the most memorable contest between the two European nations represented by the commercial bodies. The affairs of the French Company were, at this time, controlled by Dupleix, the ambitious governor, who aspired to drive away the English from India, and to found a powerful French empire by meddling in and taking advantage of the quarrels of the native chiefs contending with one another. The political conditions of the country were propitious and Dupleix was the proper man to turn them to account. But the Carnatic conflict was only an episode in the great military drama that was going on on a more extensive stage. The war which the peace of Aix-la-chapelle terminated, had left France crippled in resources and the French Company was affected by this national exhaustion. But the plans of Dupleix were not disturbed and he resolved to plunge deeper into the factious turmoil that arose round the throne of the Nizam and of the Nabob of the Carnatic to secure for his nation a position of predominance in India. The temptation was too great to be resisted and both the French and English Companies began to move their pawns on the chess-board of Southern India, putting forward and supporting rival claimants. Fortune seemed to smile on Dupleix's ambitious operations at the outset but his opponents were ever on the alert and capable, and the issue of the contest depended ultimately less on the temporary success which might be gained in the Carnatic and at Hyderabad than on the financial and naval position of the French Government in Europe, where it was confronted by the superior fleet and other resources of the British nation. When the Seven Years' War was declared in the West, the English Company in India was becoming the master of Bengal. The mantle of Dupleix had fallen upon Lally who had, however, to face the same difficulties. The victory of Plassey over the Nabob of Bengal strengthened the hands

of the English and the battle of Wandiwash put an end to the struggle with the French. Prof. Seeley thus sums up the position:—"It several times happened that the war by which they acquired Indian territory, wore the appearance before the English public of a war between England and France, and was therefore heartily supported by the nation. The English conquest of India began not in some quarrel between the Company and a native power. It began in an alarming attempt made by the French to get control over the Deccan, and so among other things, to destroy the English settlements at Madras and Bombay, by interfering in the question of the Hyderabad succession. Our first military step in the East was to defend ourselves against the French attack. And from that time for nearly seventy years, that is, to the end of the war with Napoleon, our wars in India never ceased to wear more or less the appearance of defensive wars against France. The effect of this was that, though they were not waged in the name or at the expense of the state, yet they seemed to a certain extent national wars, wars in which England was deeply concerned."*

The East India Company was originally and avowedly exclusively commercial and could not entertain any idea of territorial possessions though it might take warlike measures for the protection of its factories and trade. The movements of the Company at Fort William which roused the suspicion and kindled the wrath of Suraj-ud-Daulah, the youthful Nabob of Bengal, were caused by the fear of French attack upon Calcutta. The tragedy of the Black Hole brought Watson and Clive from Madras which could ill-spare them and the victory of Plassey followed. Meer Jaffar, the protegee of the English, became the new ruler of Bengal, and the power of the British was definitely

*Expansion of England.

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making sure that it is followed. The fifth step is to evaluate the results. This involves checking to see if the problem has been solved and if the plan was effective. If the problem has not been solved, the process starts over.

of the English and the battle of Wandiwash put an end to the struggle with the French. Prof. Seeley thus sums up the position:—"It several times happened that the war by which they acquired Indian territory, wore the appearance before the English public of a war between England and France, and was therefore heartily supported by the nation. The English conquest of India began not in some quarrel between the Company and a native power. It began in an alarming attempt made by the French to get control over the Deccan, and so among other things, to destroy the English settlements at Madras and Bombay, by interfering in the question of the Hyderabad succession. Our first military step in the East was to defend ourselves against the French attack. And from that time for nearly seventy years, that is, to the end of the war with Napoleon, our wars in India never ceased to wear more or less the appearance of defensive wars against France. The effect of this was that, though they were not waged in the name or at the expense of the state, yet they seemed to a certain extent national wars, wars in which England was deeply concerned."*

The East India Company was originally and avowedly exclusively commercial and could not entertain any idea of territorial possessions though it might take warlike measures for the protection of its factories and trade. The movements of the Company at Fort William which roused the suspicion and kindled the wrath of Suraj-ud-Daulah, the youthful Nabob of Bengal, were caused by the fear of French attack upon Calcutta. The tragedy of the Black Hole brought Watson and Clive from Madras which could ill-spare them and the victory of Plassey followed. Meer Jaffar, the protegee of the English, became the new ruler of Bengal, and the power of the British was definitely

*Expansion of England.

established in that province. By this time the feasibility of Dupleix's daring and ingenious plans had been considerably demonstrated. The ill-disciplined and ill-led native troops were no match for the small but organized forces of the British Company. Native sepoys under European command proved most efficient and of these any number could be obtained at any time. The venerable tree of the Moghul Empire had withered and its branches were completely rotten. The ease with which Bengal fell into the hands of the Company placed before it the tempting prospect of more extensive acquisition of territory beyond it, and it may be said that the centre of gravity of its power and actions was shifted from the South to the North. The position of the Company after Plassey was peculiar. The whole of Bengal was practically at its mercy and the Nabob was its nominee. It maintained an army and carried on war with the French in Southern India. The Nabob could not do without the Company's protection and it could not do without his money. Both were equally hard pressed for funds and the administration of Bengal was thrown into a confusion. From being a mere commercial body the East India Company was steadily drifting to the position of a territorial power. This anomalous situation gave rise to serious abuses, confusion and anarchy. Money-making became a craze among the servants of the Company who plundered right and left with impunity. The administration was disorganized and demoralized and the situation was not improved when Meer Kasim was substituted in the nominal rulership of Bengal in the place of the old Nabob. The dissensions between the Nabobs and the Company and the high-handedness and greed of its officers ended only with the assumption by the Company of the direct revenue-administration of Bengal, Behar and Orissa. The Nabob Vazir of Oudh took sides with Meer Kasim in his quarrel with the English and proposed to march upon Bengal with the avowed object of restoring that province to the Moghul

established in that province. By this time the feasibility of Dupleix's daring and ingenious plans had been considerably demonstrated. The ill-disciplined and ill-led native troops were no match for the small but organized forces of the British Company. Native sepoys under European command proved most efficient and of these any number could be obtained at any time. The venerable tree of the Moghul Empire had withered and its branches were completely rotten. The ease with which Bengal fell into the hands of the Company placed before it the tempting prospect of more extensive acquisition of territory beyond it, and it may be said that the centre of gravity of its power and actions was shifted from the South to the North. The position of the Company after Plassey was peculiar. The whole of Bengal was practically at its mercy and the Nabob was its nominee. It maintained an army and carried on war with the French in Southern India. The Nabob could not do without the Company's protection and it could not do without his money. Both were equally hard pressed for funds and the administration of Bengal was thrown into a confusion. From being a mere commercial body the East India Company was steadily drifting to the position of a territorial power. This anomalous situation gave rise to serious abuses, confusion and anarchy. Money-making became a craze among the servants of the Company who plundered right and left with impunity. The administration was disorganized and demoralized and the situation was not improved when Meer Kasim was substituted in the nominal rulership of Bengal in the place of the old Nabob. The dissensions between the Nabobs and the Company and the high-handedness and greed of its officers ended only with the assumption by the Company of the direct revenue-administration of Bengal, Behar and Orissa. The Nabob Vazir of Oudh took sides with Meer Kasim in his quarrel with the English and proposed to march upon Bengal with the avowed object of restoring that province to the Moghul

The first part of the paper discusses the importance of the legal system in the development of the economy. It argues that the legal system provides the framework for the operation of the market and the protection of property rights. The second part of the paper discusses the role of the legal system in the development of the legal system. It argues that the legal system provides the framework for the operation of the market and the protection of property rights. The third part of the paper discusses the role of the legal system in the development of the legal system. It argues that the legal system provides the framework for the operation of the market and the protection of property rights.

The fourth part of the paper discusses the role of the legal system in the development of the legal system. It argues that the legal system provides the framework for the operation of the market and the protection of property rights. The fifth part of the paper discusses the role of the legal system in the development of the legal system. It argues that the legal system provides the framework for the operation of the market and the protection of property rights. The sixth part of the paper discusses the role of the legal system in the development of the legal system. It argues that the legal system provides the framework for the operation of the market and the protection of property rights. The seventh part of the paper discusses the role of the legal system in the development of the legal system. It argues that the legal system provides the framework for the operation of the market and the protection of property rights. The eighth part of the paper discusses the role of the legal system in the development of the legal system. It argues that the legal system provides the framework for the operation of the market and the protection of property rights. The ninth part of the paper discusses the role of the legal system in the development of the legal system. It argues that the legal system provides the framework for the operation of the market and the protection of property rights. The tenth part of the paper discusses the role of the legal system in the development of the legal system. It argues that the legal system provides the framework for the operation of the market and the protection of property rights.

Emperor who was at the time in his camp. The battle of Buxar, however, frustrated this plan, and pushed on the Company's frontiers to Benares and Allahabad and placed the Emperor at its mercy. Lord Clive, who was specially entrusted with the task, purified the administration by putting down the several abuses, and the most noteworthy of his measures was the acquisition for the Company of the whole right to the Diwani of Bengal. The trading Company was no longer constrained to act as an unwilling auxiliary but had attained a position when it could openly play the role of a principal. The path to Delhi was open to it but the responsibility of vast additions of territory worked as a deterrent to this tempting and ambitious plan. In the opinion of competent observers the resources of the Company were enough for the conquest of the whole of Northern India, but Lord Clive was content to strengthen the North-Western boundary of British territory, by establishing friendly relations with the Nabob of Oudh. While the British became a sovereign power in one of the most fertile and strategically important parts of India, Clive secured at the same time the gift of the maritime province known as the Northern Circars from the nominal emperor. To all intents and purposes the Company of British merchants trading with the East was firmly rooted in the Indian soil as one of the indigenous powers of the country, collecting revenue, maintaining armies and making wars of defence and aggression.

The Mahratta Power whose foundation had been laid by the genius of Shivaji, had in the course of one hundred years, reached the zenith of its ascendancy in India. Facilitated by the decay of the Moghul empire, Maratha genius for conquest found ample scope in the North as well as the South. The Moghul emperors did not perceive the possibility of the rise of a weak and apparently backward non-Mahomedan race against their all-pervading supremacy

Emperor who was at the time in his camp. The battle of Buxar, however, frustrated this plan, and pushed on the Company's frontiers to Benares and Allahabad and placed the Emperor at its mercy. Lord Clive, who was specially entrusted with the task, purified the administration by putting down the several abuses, and the most noteworthy of his measures was the acquisition for the Company of the whole right to the Diwani of Bengal. The trading Company was no longer constrained to act as an unwilling auxiliary but had attained a position when it could openly play the role of a principal. The path to Delhi was open to it but the responsibility of vast additions of territory worked as a deterrent to this tempting and ambitious plan. In the opinion of competent observers the resources of the Company were enough for the conquest of the whole of Northern India, but Lord Clive was content to strengthen the North-Western boundary of British territory, by establishing friendly relations with the Nabob of Oudh. While the British became a sovereign power in one of the most fertile and strategically important parts of India, Clive secured at the same time the gift of the maritime province known as the Northern Circars from the nominal emperor. To all intents and purposes the Company of British merchants trading with the East was firmly rooted in the Indian soil as one of the indigenous powers of the country, collecting revenue, maintaining armies and making wars of defence and aggression.

The Mahratta Power whose foundation had been laid by the genius of Shivaji, had in the course of one hundred years, reached the zenith of its ascendancy in India. Facilitated by the decay of the Moghul empire, Maratha genius for conquest found ample scope in the North as well as the South. The Moghul emperors did not perceive the possibility of the rise of a weak and apparently backward non-Mahomedan race against their all-pervading supremacy

The following information is provided for the purpose of providing a general overview of the information contained in the document. It is not intended to be a substitute for the full text of the document.

...the ...

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

2. Next, it is important to gather relevant information and data. This can be done through research, consultation with experts, or by analyzing existing data sets.

3. Once the information is gathered, the next step is to analyze it. This involves identifying patterns, trends, and relationships that can help in understanding the problem.

4. After analysis, the next step is to develop a solution or plan. This involves identifying the most effective approach to solve the problem, taking into account the available resources and constraints.

5. Finally, the solution is implemented and the results are evaluated. This involves monitoring the progress of the implementation and making adjustments as needed to ensure that the problem is solved effectively.

[illegible]

19. *Journal of the American Medical Association*, 281:1231-1232 (1999).

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

and committed the mistake of destroying the only check to the advance of the Marathas, viz., the moslem kingdoms of the South. Aurangzeb who represented the final stage in the growth of the Moghul power, wore himself out in a personal contest with the Marathas in the Deccan. The great Emperor had to acknowledge defeat at the hands of a people he despised, and was borne to the grave in his disappointment. This struggle braced the nerves of the Maratha chiefs and taught them the value of solidarity. They were most capably led by the Peshwas Balaji and Bajirao, both of whom extended the limits of Maratha territory at the expense of what remained of the Moghul Empire. Maratha leaders carried their arms to Delhi and made and unmade emperors. They overran Northern India far into the Punjab and Bengal and their outposts were stationed at Gwalior, Indore, Baroda and Nagpur. Even Calcutta was threatened and Southern India did not escape their attentions. The Nizam nearer home and Hyder Ali, the military adventurer of the South, were the only restraints upon their progress of aggression and, throughout the 18th century they continued to give trouble to the Marathas. The incursions of the Marathas into the Punjab brought down Ahmedshaha Abdali into India for the fourth time. Their occupation of Delhi rallied the Mahomedans against them and the latter were led by Najib-ud-Daulah, the Rohilla chief. A formidable movement was thus organized in Northern India against the common enemy from the South who threatened to bring the whole peninsula under subjection. Ahmedshaha swooped down with his Afghans and came up with the Marathas on the fateful field of Panipat where they were completely routed. This crushing disaster and the internal dissensions of the Maratha confederacy for a time checked their successful career of conquest. The decay of the Moghul power had, however, advanced too far to be arrested. Prince Ali Gohar who styled himself Emperor Shaha Alam was unequal to the task of reviving the Empire.

and committed the mistake of destroying the only check to the advance of the Marathas, viz., the moslem kingdoms of the South. Aurangzeb who represented the final stage in the growth of the Moghul power, wore himself out in a personal contest with the Marathas in the Deccan. The great Emperor had to acknowledge defeat at the hands of a people he despised, and was borne to the grave in his disappointment. This struggle braced the nerves of the Maratha chiefs and taught them the value of solidarity. They were most capably led by the Peshwas Balaji and Bajirao, both of whom extended the limits of Maratha territory at the expense of what remained of the Moghul Empire. Maratha leaders carried their arms to Delhi and made and unmade emperors. They overran Northern India far into the Punjab and Bengal and their outposts were stationed at Gwalior, Indore, Baroda and Nagpur. Even Calcutta was threatened and Southern India did not escape their attentions. The Nizam nearer home and Hyder Ali, the military adventurer of the South, were the only restraints upon their progress of aggression and, throughout the 18th century they continued to give trouble to the Marathas. The incursions of the Marathas into the Punjab brought down Ahmedshah Abdali into India for the fourth time. Their occupation of Delhi rallied the Mahomedans against them and the latter were led by Najib-ud-Daulah, the Rohilla chief. A formidable movement was thus organized in Northern India against the common enemy from the South who threatened to bring the whole peninsula under subjection. Ahmedshah swooped down with his Afghans and came up with the Marathas on the fateful field of Panipat where they were completely routed. This crushing disaster and the internal dissensions of the Maratha confederacy for a time checked their successful career of conquest. The decay of the Moghul power had, however, advanced too far to be arrested. Prince Ali Gohar who styled himself Emperor Shah Alam was unequal to the task of reviving the Empire.

Foiled in the attempt to recover his authority over Bengal, Shaha Alam at last decided to remain on friendly terms with the British Company. He was yet impatient to return to Delhi and be installed on the imperial throne. Neither the British Company nor the Nabob Vazir was very anxious to assist him in this and he had to call in the Marathas against the warnings of the Company. In 1771 Mahadji Scindia entered Delhi with the Emperor. The Rohillas were chastised by the Marathas and their country was looted. But Mahadji was not allowed to complete the work as he was called away into the South by the civil discord which had arisen in Poona and had resulted in the assassination of the young Peshwa. The energies of the Maratha government were also continually distracted by the wars it had to wage against the Nizam, and Hyder who had made himself the master of Mysore about 1760. The relations of these three were hostile towards one another and towards the British, and affairs became so complicated from time to time that severally and jointly the Marathas, Hyder and the Nizam fought with the Madras government. The Marathas and Hyder and his son Tippu were, besides the Sikhs, the only formidable antagonists the British troops had to encounter; and the wars the Company had to fight with them are some of the toughest and most desperate in Indian history. The position of the East India Company was now secure in Bengal, the Nabob Vazir on the western frontier was its ally and the Emperor was not likely to give any trouble. But in the South the Madras government was soon brought into the vortex of war in which the Nizam, the Marathas and Hyder were involved. That government's first experience of an encounter with the Mysore chief was far from encouraging and its unfortunate blunders made him one of the most determined foes of the British Company.

The year 1765 marks the conversion of the East India Company into a sovereign body having large territorial

Foiled in the attempt to recover his authority over Bengal, Shaha Alam at last decided to remain on friendly terms with the British Company. He was yet impatient to return to Delhi and be installed on the imperial throne. Neither the British Company nor the Nabob Vazir was very anxious to assist him in this and he had to call in the Marathas against the warnings of the Company. In 1771 Mahadji Scindia entered Delhi with the Emperor. The Rohillas were chastised by the Marathas and their country was looted. But Mahadji was not allowed to complete the work as he was called away into the South by the civil discord which had arisen in Poona and had resulted in the assassination of the young Peshwa. The energies of the Maratha government were also continually distracted by the wars it had to wage against the Nizam, and Hyder who had made himself the master of Mysore about 1760. The relations of these three were hostile towards one another and towards the British, and affairs became so complicated from time to time that severally and jointly the Marathas, Hyder and the Nizam fought with the Madras government. The Marathas and Hyder and his son Tippu were, besides the Sikhs, the only formidable antagonists the British troops had to encounter ; and the wars the Company had to fight with them are some of the toughest and most desperate in Indian history. The position of the East India Company was now secure in Bengal, the Nabob Vazir on the western frontier was its ally and the Emperor was not likely to give any trouble. But in the South the Madras government was soon brought into the vortex of war in which the Nizam, the Marathas and Hyder were involved. That government's first experience of an encounter with the Mysore chief was far from encouraging and its unfortunate blunders made him one of the most determined foes of the British Company.

The year 1765 marks the conversion of the East India Company into a sovereign body having large territorial

possessions in India, though the change was disguised by the establishment of a system of dual government 'under which the Company, while assuming complete control over the revenues of the country, and full power of maintaining or disbanding its military forces, left in other hands the responsibility for maintaining law and order through the agency of courts of law'. * The new responsibilities thrown upon the Company's shoulders made the old machinery of administration through the Presidency Council utterly unsuited to the performance of the functions of government. The financial position of the Company was far from satisfactory and in spite of its debts the dividend was raised in 1766 from 6 to 10 per cent., and next year to 12½ per cent. The British government had taken advantage of the repeated renewals of the Company's charter to impose new conditions upon it pecuniarily favourable to itself. Various circumstances, however, continued to expose the East India Company to public criticism and increased Parliamentary control. The enormous fortunes suddenly amassed by the Company's officers, the suspicions in the popular mind that the wealth of these 'Nabobs' was ill-gotten, the Parliamentary influence which the fortunes of the Company's servants exercised in England and a doubt whether a trading corporation could have a right to acquire on its own account powers of territorial sovereignty—these things compelled the nation's attention to the affairs of the East India Company, and the House of Commons appointed a committee to inquire into and report upon various matters connected with the Indian administration of the Company. A Royal Charter granted in 1698 had conferred upon the Company the authority to exercise civil and criminal jurisdiction at its settlements, and to maintain troops for their defence. The Act of Parlia-

* Sir Courtenay Ilbert's Government of India.

possessions in India, though the change was disguised by the establishment of a system of dual government 'under which the Company, while assuming complete control over the revenues of the country, and full power of maintaining or disbanding its military forces, left in other hands the responsibility for maintaining law and order through the agency of courts of law'. * The new responsibilities thrown upon the Company's shoulders made the old machinery of administration through the Presidency Council utterly unsuited to the performance of the functions of government. The financial position of the Company was far from satisfactory and in spite of its debts the dividend was raised in 1766 from 6 to 10 per cent., and next year to 12½ per cent. The British government had taken advantage of the repeated renewals of the Company's charter to impose new conditions upon it pecuniarily favourable to itself. Various circumstances, however, continued to expose the East India Company to public criticism and increased Parliamentary control. The enormous fortunes suddenly amassed by the Company's officers, the suspicions in the popular mind that the wealth of these 'Nabobs' was ill-gotten, the Parliamentary influence which the fortunes of the Company's servants exercised in England and a doubt whether a trading corporation could have a right to acquire on its own account powers of territorial sovereignty—these things compelled the nation's attention to the affairs of the East India Company, and the House of Commons appointed a committee to inquire into and report upon various matters connected with the Indian administration of the Company. A Royal Charter granted in 1698 had conferred upon the Company the authority to exercise civil and criminal jurisdiction at its settlements, and to maintain troops for their defence. The Act of Parlia-

* Sir Courtenay Ilbert's Government of India.



ment of 1767 which allowed the Company to retain its territorial acquisitions and revenues for two years in consideration of the payment into the Exchequer of an annual sum of £ 400,000, was probably the first direct recognition by Parliament of the territorial acquisitions of the Company. Owing to its continuous wars the Company was verging upon a state of bankruptcy, notwithstanding the fact that the Directors were declaring large dividends. It was at last compelled to resort to Parliament for pecuniary assistance. Lord North's government availed itself of this opportunity to modify the system of the Company's administration of India. The Regulating Act of 1773 recognized the territorial sovereignty of the Company and at the same time altered the constitution of the Courts of Proprietors and Directors and the system of Indian administration. The old President and Council in Bengal gave place to a Governor General and a Council of four members, vested with the power of superintending and controlling the management and government of the other Presidencies which were to be governed by a President and a Council as before. The first Governor General appointed under the new arrangements was Warren Hastings, already President of the Council of Bengal. This attempt at regularising the government of the Company's possessions in India, particularly in Bengal, did not solve the question of efficient and smooth administration and grave defects in the system set up, soon manifested themselves.

Before Hastings retired from the Governor Generalship, the limits of the Company's territories and of its influence had extended by the annexation of Benares and by the part it took in the Rohilla War, though the entanglement of the Bombay Government in a conflict with the Marathas ended in a discomfiture and the struggle with Mysore was not more successful. British conflict with the native powers in India was complicated, as before, by the attempt

ment of 1767 which allowed the Company to retain its territorial acquisitions and revenues for two years in consideration of the payment into the Exchequer of an annual sum of £ 400,000, was probably the first direct recognition by Parliament of the territorial acquisitions of the Company. Owing to its continuous wars the Company was verging upon a state of bankruptcy, notwithstanding the fact that the Directors were declaring large dividends. It was at last compelled to resort to Parliament for pecuniary assistance. Lord North's government availed itself of this opportunity to modify the system of the Company's administration of India. The Regulating Act of 1773 recognized the territorial sovereignty of the Company and at the same time altered the constitution of the Courts of Proprietors and Directors and the system of Indian administration. The old President and Council in Bengal gave place to a Governor General and a Council of four members, vested with the power of superintending and controlling the management and government of the other Presidencies which were to be governed by a President and a Council as before. The first Governor General appointed under the new arrangements was Warren Hastings, already President of the Council of Bengal. This attempt at regularising the government of the Company's possessions in India, particularly in Bengal, did not solve the question of efficient and smooth administration and grave defects in the system set up, soon manifested themselves.

Before Hastings retired from the Governor Generalship, the limits of the Company's territories and of its influence had extended by the annexation of Benares and by the part it took in the Rohilla War, though the entanglement of the Bombay Government in a conflict with the Marathas ended in a discomfiture and the struggle with Mysore was not more successful. British conflict with the native powers in India was complicated, as before, by the attempt



Figure 1. Scatter plot of the relationship between the number of publications and the number of citations. The data points are scattered, with a general upward trend. A regression line is drawn through the data points, indicating a positive correlation. The plot is labeled 'Figure 1' in the bottom right corner.

The data points are scattered, with a general upward trend. A regression line is drawn through the data points, indicating a positive correlation. The plot is labeled 'Figure 1' in the bottom right corner.

of the enemies of England in Europe and in this country to weaken the position of that nation by distracting its energies in different directions. But till the outbreak of the war with the French Republic, Indian affairs were little affected by the European relations of England. This period was, however, marked by discussions in British Parliament on the proper regulation of Indian affairs, and Mr. Pitt's India Bill was passed to place the administration of India on a satisfactory basis. Lord Cornwallis was the first Governor General appointed under the new system introduced by the above Act. Though desirous of pursuing a policy of peace and economy, he found his hands forced by Tippu, who was, however, badly beaten in the war which ensued and was shorn of a considerable portion of his territory. The name of Lord Cornwallis is associated with important administrative changes, chief among them being the establishment of the permanent settlement in Bengal, the reorganization of justice and codification of the law. The administration of Sir John Shore was not very conspicuous for energy, except what he displayed in strengthening the British position in Oudh and the prestige of the British name was not a little shaken in the South. This policy of non-interference was abandoned by Lord Mornington, better known as Marquis Wellesley, who became Governor-General in 1798 and a conscious attempt also was made by him to make the British power the dominant force in India. It was feared that Napoleon's ambitious designs might spread to this country and Tippu was already looking to France for co-operation. Wellesley took prompt action. Tippu was vanquished and his territory was partitioned between the Nizam and the Company, the latter of course receiving the lion's share. Wellesley's famous subsidiary treaties with Oudh and the Nizam and his brilliant achievements in the war with the Maratha chiefs contributed largely to the extension of British power and the recognition of its supremacy throughout the country. The

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The table includes the coefficient estimates, standard errors, t-statistics, and p-values for each variable.

Variable	Coefficient	Standard Error	t-statistic	p-value
Age of the head of household	0.001	0.001	1.2	0.23
Gender of the head of household (Male = 1, Female = 0)	-0.05	0.02	-2.5	0.01
Constant	1.5	0.1	15.0	0.00

The results indicate that the age of the head of household has a very small positive effect on the number of children in the household, while the gender of the head of household has a small negative effect. The constant term is significantly positive.

of the enemies of England in Europe and in this country to weaken the position of that nation by distracting its energies in different directions. But till the outbreak of the war with the French Republic, Indian affairs were little affected by the European relations of England. This period was, however, marked by discussions in British Parliament on the proper regulation of Indian affairs, and Mr. Pitt's India Bill was passed to place the administration of India on a satisfactory basis. Lord Cornwallis was the first Governor General appointed under the new system introduced by the above Act. Though desirous of pursuing a policy of peace and economy, he found his hands forced by Tippu, who was, however, badly beaten in the war which ensued and was shorn of a considerable portion of his territory. The name of Lord Cornwallis is associated with important administrative changes, chief among them being the establishment of the permanent settlement in Bengal, the reorganization of justice and codification of the law. The administration of Sir John Shore was not very conspicuous for energy, except what he displayed in strengthening the British position in Oudh and the prestige of the British name was not a little shaken in the South. This policy of non-interference was abandoned by Lord Mornington, better known as Marquis Wellesley, who became Governor-General in 1798 and a conscious attempt also was made by him to make the British power the dominant force in India. It was feared that Napoleon's ambitious designs might spread to this country and Tippu was already looking to France for co-operation. Wellesley took prompt action. Tippu was vanquished and his territory was partitioned between the Nizam and the Company, the latter of course receiving the lion's share. Wellesley's famous subsidiary treaties with Oudh and the Nizam and his brilliant achievements in the war with the Maratha chiefs contributed largely to the extension of British power and the recognition of its supremacy throughout the country. The

authorities in England were alarmed at this tremendous activity and aggression and a brief period of lull succeeded. But the British had now come to occupy such a peculiar position in India that it was not possible for them to look passively on the disturbances that were going on all round their dominions. They had to wage wars upon the Gurkhas, the Maratha chiefs and the Pendharis. Hastings succeeded in putting down the freebooters and in reducing the Maratha chiefs to the position of 'subsidiary' allies. The Peshwa, the head of the Maratha confederacy, was pensioned off and his territories went to extend the bounds of the Bombay Presidency. Almost the whole of Northern India owned the unchallenged sway of the British power and its gradual extension into parts of the country which now form British India, was only a work of years. Thus the Burmese War of 1824 threw these provinces on the eastern border into the hands of the British, and Sind was conquered in 1843. When the charter of the East India Company was renewed in 1833 important changes were effected in the constitution of the Indian government and the Company's functions as traders were abolished. The Governor General of Bengal became the Governor General of India and increased control was vested in the Supreme Government over provincial administrations.

The plan of this chapter does not require any elaborate description of the successive steps made by the British power towards the acquisition of the territories on its confines towards the East and the West. Since the beginning of the nineteenth century the attention of the British Government had been seriously drawn to the anxious situation in the Punjab and Afghanistan. The essence of its policy had been to insure that Afghanistan should be an effective buffer against any possible combinations into which France, Persia and Russia might enter. It was equally essential to maintain friendly relations with Ranjit Singh, the great

authorities in England were alarmed at this tremendous activity and aggression and a brief period of lull succeeded. But the British had now come to occupy such a peculiar position in India that it was not possible for them to look passively on the disturbances that were going on all round their dominions. They had to wage wars upon the Gurkhas, the Maratha chiefs and the Pendharris. Hastings succeeded in putting down the freebooters and in reducing the Maratha chiefs to the position of 'subsidiary' allies. The Peshwa, the head of the Maratha confederacy, was pensioned off and his territories went to extend the bounds of the Bombay Presidency. Almost the whole of Northern India owned the unchallenged sway of the British power and its gradual extension into parts of the country which now form British India, was only a work of years. Thus the Burmese War of 1824 threw these provinces on the eastern border into the hands of the British, and Sind was conquered in 1843. When the charter of the East India Company was renewed in 1833 important changes were effected in the constitution of the Indian government and the Company's functions as traders were abolished. The Governor General of Bengal became the Governor General of India and increased control was vested in the Supreme Government over provincial administrations.

The plan of this chapter does not require any elaborate description of the successive steps made by the British power towards the acquisition of the territories on its confines towards the East and the West. Since the beginning of the nineteenth century the attention of the British Government had been seriously drawn to the anxious situation in the Punjab and Afghanistan. The essence of its policy had been to insure that Afghanistan should be an effective buffer against any possible combinations into which France, Persia and Russia might enter. It was equally essential to maintain friendly relations with Ranjit Singh, the great



The following text is extremely faint and illegible due to the quality of the scan. It appears to be a paragraph of text, possibly a list or a series of statements, but the specific content cannot be determined. The text is arranged in several lines, with some indentation at the beginning of the first line.

Sikh ruler of the Punjab, while not allowing him to render the Sikh power a menace to British supremacy. A despised and persecuted sect, the Sikhs had built up a formidable organization, and their army was one of the bravest the British troops had to encounter. In Ranjit Singh they had an intrepid warrior and an astute statesman for their ruler and their relations with the British Government were tolerably friendly during his life-time. The death of the Lion of the Punjab was, however, followed by anarchy of the worst kind. The 'Khalsa' was animated with the ambition of making a bid for supremacy in Northern India and of measuring swords with the British. It, however, failed, and in four desperately contested battles the Sikh army was crushed and reduced to submission. The peace which followed was, however, of a very short duration and the second war which ensued resulted in the total discomfiture of the Sikhs and the annexation of the whole of the Punjab. Lord Dalhousie followed what is called the annexation policy, in its full rigour. Every opportunity offered by misrule or domestic feuds in a dependent native state was availed of for annexing the territory of the state and many such opportunities occurred during the time of Dalhousie. There were no less than a dozen cases where native territories were held to have lapsed to the British government and of the states so annexed those of Nagpur, Satara, Oudh and Jhansi are important. The Company's territories thus advanced at a bound and British rule now rested upon extensive foundations. Their strength was, however, to be tested by the sudden outburst of the Sepoy Mutiny. This revolt of the misguided and discontented sepoys was the last unfortunate trouble which disturbed the internal peace of this continent. It was followed by an altogether new epoch in the history of India and the fifty-five years which have elapsed since then, have been a period of tranquility, of orderly government and progress. The period of territorial acquisition and expansion closed and one of organization and consolidation commenced.

Sikh ruler of the Punjab, while not allowing him to render the Sikh power a menace to British supremacy. A despised and persecuted sect, the Sikhs had built up a formidable organization, and their army was one of the bravest the British troops had to encounter. In Ranjit Singh they had an intrepid warrior and an astute statesman for their ruler and their relations with the British Government were tolerably friendly during his life-time. The death of the Lion of the Punjab was, however, followed by anarchy of the worst kind. The 'Khalsa' was animated with the ambition of making a bid for supremacy in Northern India and of measuring swords with the British. It, however, failed, and in four desperately contested battles the Sikh army was crushed and reduced to submission. The peace which followed was, however, of a very short duration and the second war which ensued resulted in the total discomfiture of the Sikhs and the annexation of the whole of the Punjab. Lord Dalhousie followed what is called the annexation policy, in its full rigour. Every opportunity offered by misrule or domestic feuds in a dependent native state was availed of for annexing the territory of the state and many such opportunities occurred during the time of Dalhousie. There were no less than a dozen cases where native territories were held to have lapsed to the British government and of the states so annexed those of Nagpur, Satara, Oudh and Jhansi are important. The Company's territories thus advanced at a bound and British rule now rested upon extensive foundations. Their strength was, however, to be tested by the sudden outburst of the Sepoy Mutiny. This revolt of the misguided and discontented sepoys was the last unfortunate trouble which disturbed the internal peace of this continent. It was followed by an altogether new epoch in the history of India and the fifty-five years which have elapsed since then, have been a period of tranquility, of orderly government and progress. The period of territorial acquisition and expansion closed and one of organization and consolidation commenced.

The following brief account tersely summarises and brings up-to-date the history of the successive steps by which India came gradually under the authority of the British Power. A further and more detailed reference to some of these acquisitions will be found in the Fourth Chapter :—

In 1765 the Provinces of Bengal, Behar and Orissa (old) and the Northern Circars were granted by the Emperor of Delhi. The first three Provinces were attached to Bengal and the last to Madras. On the annexation of the Districts of Benares in 1775 they were attached to Bengal. The districts ceded and conquered after the Mysore wars in 1792 and 1799, the territories of the Maharaja of Tanjore who retired on a pension in 1799, the districts ceded by the Nizam in 1800 and the territories of the Nawab of Carnatic, who too retired on a pension in 1801, were all attached to Madras. Thus practically the whole of Madras Presidency was acquired by 1801. Allahabad and other districts ceded by the Nawab of Oudh in 1801, the districts of Delhi, Agra, Mathura &c. and Orissa (present) were conquered from and ceded by the Marahttas in 1803, and they were all attached to Bengal. Between the years of 1800 and 1805 the districts of Surat, Bharosh and Kaira were acquired from the Nawab of Surat and the Gaekwar; they were attached to Bombay. After the Nepal War in 1815 Dheradun, Kumaon, Gharwal and Simla were acquired and attached to Bengal. Thus practically the whole of the Province of Agra was acquired by 1815. Ahmedabad was acquired from the Gaekwar between 1802-17 and was attached to Bombay. In 1818 after the last Marahтта War the bulk of Maharashtra and several districts in the Central Provinces were acquired from the Marahttas. Except the Central Provinces districts all these territories and the rest of Maharashtra which was acquired from the Nizam and the Kolhapur Maharaja between 1819 and 1827, were attached to Bombay. Thus practically the whole of Bombay Presidency, except Sind was acquired by 1827. Ajmere-Marwara was acquired in 1818 from Scindia and was placed under the Agent to the Governor General in Rajputana. After the first Burmese War Assam, Arakan and Tenasserim were annexed in 1826. Assam and Arakan were attached to Bengal, Tenasserim was placed under a Commissioner directly under the Supreme Government. After the Kol Rebellion Chota Nagpur was annexed in 1833 and placed under the S. W. Frontier Agency; latter on it was annexed to Bengal in 1854. Coorg was annexed in 1834 and placed under the Resident of Mysore. Between 1829 and 1835 Shillong and other hill tracts in Assam were acquired and were attached to Bengal. In 1836 all the territories west of Behar were separated from Bengal and were placed under a Lieutenant-Governor and called North Western Province. In 1837 on the deposition of the Raja, Satara was annexed and attached to Bombay. Since 1840 the districts of Jalun, Jhansi and Lalitpur were annexed and attached to North Western Province. Sind was attached to Bombay shortly after its conquest in 1843. After the first Sikh war Jalandhar Division was ceded in 1846 and

The following brief account tersely summarises and brings up-to-date the history of the successive steps by which India came gradually under the authority of the British Power. A further and more detailed reference to some of these acquisitions will be found in the Fourth Chapter :—

In 1765 the Provinces of Bengal, Behar and Orissa (old) and the Northern Circars were granted by the Emperor of Delhi. The first three Provinces were attached to Bengal and the last to Madras. On the annexation of the Districts of Benares in 1775 they were attached to Bengal. The districts ceded and conquered after the Mysore wars in 1792 and 1799, the territories of the Maharaja of Tanjore who retired on a pension in 1799, the districts ceded by the Nizam in 1800 and the territories of the Nawab of Carnatic, who too retired on a pension in 1801, were all attached to Madras. Thus practically the whole of Madras Presidency was acquired by 1801. Allahabad and other districts ceded by the Nawab of Oudh in 1801, the districts of Delhi, Agra, Mathura &c. and Orissa (present) were conquered from and ceded by the Marahattas in 1803, and they were all attached to Bengal. Between the years of 1800 and 1805 the districts of Surat, Bharoch and Kaira were acquired from the Nawab of Surat and the Gaekwar; they were attached to Bombay. After the Nepal War in 1815 Dheradun, Kumaon, Gharwal and Simla were acquired and attached to Bengal. Thus practically the whole of the Province of Agra was acquired by 1815. Ahmedabad was acquired from the Gaekwar between 1802-17 and was attached to Bombay. In 1818 after the last Marahatta War the bulk of Maharashtra and several districts in the Central Provinces were acquired from the Marahattas. Except the Central Provinces districts all these territories and the rest of Maharashtra which was acquired from the Nizam and the Kolhapur Maharaja between 1819 and 1827, were attached to Bombay. Thus practically the whole of Bombay Presidency, except Sind was acquired by 1827. Ajmere-Marwara was acquired in 1818 from Scindia and was placed under the Agent to the Governor General in Rajputana. After the first Burmese War Assam, Arakan and Tenasserim were annexed in 1826. Assam and Arakan were attached to Bengal, Tenasserim was placed under a Commissioner directly under the Supreme Government. After the Kol Rebellion Chota Nagpur was annexed in 1833 and placed under the S. W. Frontier Agency; latter on it was annexed to Bengal in 1854. Coorg was annexed in 1834 and placed under the Resident of Mysore. Between 1829 and 1835 Shillong and other hill tracts in Assam were acquired and were attached to Bengal. In 1836 all the territories west of Behar were separated from Bengal and were placed under a Lieutenant-Governor and called North Western Province. In 1837 on the deposition of the Raja, Satara was annexed and attached to Bombay. Since 1840 the districts of Jalun, Jhansi and Lalitpur were annexed and attached to North Western Province. Sind was attached to Bombay shortly after its conquest in 1843. After the first Sikh war Jalandhar Division was ceded in 1846 and

the Punjab was annexed in 1849. The Punjab was at first placed under a Board of Administration and soon after under a Chief Commissioner; but in 1859 with Delhi and some other districts it was formed into a Lieutenant-Governorship. In 1852 after the second Burmese War Pegu was annexed and Arakan, which was detached from Bengal, Tenasserim and Pegu had three separate Commissioners over them and were directly under the Supreme Government. In 1854 the territories of the Raja of Nagpur were escheated and were placed at first under a Commissioner directly under the Supreme Government, but in 1861 with two districts from the North Western Provinces they were placed under a Chief Commissioner and the province was named the Central Provinces. In 1858 Port Blair was made a convict settlement and under its superintendent the islands of Andaman and Nicobar were placed. Oudh was annexed in 1856 and placed under a Chief Commissioner. By 1860 Darjeeling and Jalpaiguri districts were acquired from Bhutan and attached to Bengal. By the treaties of 1835 and 1860 Berar was assigned by the Nizam, but it did not form a British Province. In 1861 the Puncmahals were ceded by Scindia and attached to Bombay. In 1862 all the Burmese territories (Lower Burma) were placed under a Chief Commissioner. So was Assam with certain Bengal districts in 1874. In 1877 Oudh was placed under the Lieutenant-Governor of North Western Provinces, who became Chief Commissioner of Oudh as well. In 1886 Upper Burma was annexed and placed under the Chief Commissioner of Burma Lower and Upper, and in 1897 the province was raised to a Lieutenant-Governorship. In 1887 British Baluchistan was placed under a Chief Commissioner. In 1901 with a few districts detached from the Punjab, North Western Frontier Province was created and placed under a Chief Commissioner. In 1903 Berar was leased in perpetuity by the Nizam and attached to the Central Provinces. In 1905 several districts of Bengal with Assam were formed into a new province, East Bengal and Assam were placed under a Lieutenant-Governor. In 1912 Assam was replaced under a Chief Commissioner, as it was since 1874, the provinces of Behar, Orissa and Chota Nagpur were detached from Bengal and made a Lieutenant-Governorship with a Council and called the Province of Behar and Orissa, and Bengal proper was raised to a Governorship. In the same year the city and district of Delhi were detached from the Punjab and placed directly under Supreme Government as a metropolitan area.

The anomaly of the government of such a vast country as India by an avowedly trading corporation had been perceived and its monopoly of trading with the East had been taken away. It was felt that the time was ripe when the administration of India ought to be assumed by the Crown. The control of the British Parliament over the affairs of the Company was an old thing, and the complete sovereignty of the British nation over all its acquisitions and conquests which had been theoretically admitted was

the Punjab was annexed in 1849. The Punjab was at first placed under a Board of Administration and soon after under a Chief Commissioner; but in 1859 with Delhi and some other districts it was formed into a Lieutenant-Governorship. In 1852 after the second Burmese War Pegu was annexed and Arakan, which was detached from Bengal, Tenasserim and Pegu had three separate Commissioners over them and were directly under the Supreme Government. In 1854 the territories of the Raja of Nagpur were escheated and were placed at first under a Commissioner directly under the Supreme Government, but in 1861 with two districts from the North Western Provinces they were placed under a Chief Commissioner and the province was named the Central Provinces. In 1858 Port Blair was made a convict settlement and under its superintendent the islands of Andaman and Nicobar were placed. Oudh was annexed in 1856 and placed under a Chief Commissioner. By 1860 Darjeeling and Jalpaiguri districts were acquired from Bhutan and attached to Bengal. By the treaties of 1835 and 1860 Berar was assigned by the Nizam, but it did not form a British Province. In 1861 the Panchmahals were ceded by Scindia and attached to Bombay. In 1862 all the Burmese territories (Lower Burma) were placed under a Chief Commissioner. So was Assam with certain Bengal districts in 1874. In 1877 Oudh was placed under the Lieutenant-Governor of North Western Provinces, who became Chief Commissioner of Oudh as well. In 1886 Upper Burma was annexed and placed under the Chief Commissioner of Burma Lower and Upper, and in 1897 the province was raised to a Lieutenant-Governorship. In 1887 British Baluchistan was placed under a Chief Commissioner. In 1901 with a few districts detached from the Punjab, North Western Frontier Province was created and placed under a Chief Commissioner. In 1903 Berar was leased in perpetuity by the Nizam and attached to the Central Provinces. In 1905 several districts of Bengal with Assam were formed into a new province, East Bengal and Assam were placed under a Lieutenant-Governor. In 1912 Assam was replaced under a Chief Commissioner, as it was since 1874, the provinces of Behar, Orissa and Chota Nagpur were detached from Bengal and made a Lieutenant-Governorship with a Council and called the Province of Behar and Orissa, and Bengal proper was raised to a Governorship. In the same year the city and district of Delhi were detached from the Punjab and placed directly under Supreme Government as a metropolitan area.

The anomaly of the government of such a vast country as India by an avowedly trading corporation had been perceived and its monopoly of trading with the East had been taken away. It was felt that the time was ripe when the administration of India ought to be assumed by the Crown. The control of the British Parliament over the affairs of the Company was an old thing, and the complete sovereignty of the British nation over all its acquisitions and conquests which had been theoretically admitted was

made an accomplished fact in 1858 when the Government of India was transferred from the hands of the Company to the Sovereign. The statute of 1858 abolished the East India Company and the Board of Control, and transferred the responsibility of the government of this country to a Secretary of State who must be a member of the British ministry and thus amenable to the control of the Parliament and the Crown. The last fifty-five years have been, in India, a record of unbroken progress, the seeds of which were sown in the regime of the East India Company. Modern institutions had been established and social and economic amelioration of the people undertaken. Evils such as those of suttee and infanticide and thuggee were sternly put down, provision was made for the imparting of Western education, roads were improved and the construction of railways and canals undertaken. The seeds of these reforms sown by the liberal-minded administrators of the time of the East India Company soon sprouted into healthy plants whose growth has been vigorously going on all these years. The last few years especially have witnessed big strides made by India in the path of peaceful progress and the elevation of its people to a higher status. The machinery carrying out, in this country and in England, the beneficent government of India is very complex and a knowledge of its constitution and working is essential to every citizen. It is the object of the following chapters to explain to the average reader the various parts of the administrative mechanism, their mutual relations and their operation. The constitution of the Indian Government is so unlike what the people of this country were accustomed to before the development of British rule and also different from the frame-work of governments in other countries that it affords an interesting study. Besides, the knowledge the average educated Indian—not to speak of the mass of people—possesses of the machinery of administration is so vague and scanty that a brief and popular account of it would

made an accomplished fact in 1858 when the Government of India was transferred from the hands of the Company to the Sovereign. The statute of 1858 abolished the East India Company and the Board of Control, and transferred the responsibility of the government of this country to a Secretary of State who must be a member of the British ministry and thus amenable to the control of the Parliament and the Crown. The last fifty-five years have been, in India, a record of unbroken progress, the seeds of which were sown in the regime of the East India Company. Modern institutions had been established and social and economic amelioration of the people undertaken. Evils such as those of suttee and infanticide and thuggee were sternly put down, provision was made for the imparting of Western education, roads were improved and the construction of railways and canals undertaken. The seeds of these reforms sown by the liberal-minded administrators of the time of the East India Company soon sprouted into healthy plants whose growth has been vigorously going on all these years. The last few years especially have witnessed big strides made by India in the path of peaceful progress and the elevation of its people to a higher status. The machinery carrying out, in this country and in England, the beneficent government of India is very complex and a knowledge of its constitution and working is essential to every citizen. It is the object of the following chapters to explain to the average reader the various parts of the administrative mechanism, their mutual relations and their operation. The constitution of the Indian Government is so unlike what the people of this country were accustomed to before the development of British rule and also different from the frame-work of governments in other countries that it affords an interesting study. Besides, the knowledge the average educated Indian—not to speak of the mass of people—possesses of the machinery of administration is so vague and scanty that a brief and popular account of it would

hardly be superfluous. Nay, it has become absolutely essential at the present moment in view of the larger association of the people of India in the Government of their country which has been made possible by the liberal policy associated with the Council Reforms of 1909. Not only those who are directly connected with legislative and administrative work, but every ordinary citizen too who aspires to do his duty by himself, his countrymen and his Government, must acquire a decent knowledge of the nature and methods of the administration and governance of the country.

As the various parts of this sub-continent came gradually under British sway one after another during the course of the 18th and the 19th centuries, a systematic division of the country into administrative units is not to be expected. For the purposes of administration, however, what is called British India, that is, India directly ruled and administered by the British Government, is, including Delhi, split up into 15 territorial divisions of varying size. Total area of this whole territory is 10,93,074 square miles and contained, at the latest census a population of 24,42,67,542 souls. Besides British India and interspersed with its provinces, the Indian Empire contains extensive territories of Native Chiefs, viz. the Native States. The area of these territories is enormous, being more than a third of the total area of the Indian peninsula, though the population is only a little less than a fourth of the total for the whole Empire. The Native States 'consist of territory in India not being within His Majesty's dominions yet under his suzerainty, which in the case of 175 States, including those of the greatest importance, is exercised by the Supreme Government, and in the case of the remainder, numbering about 500, is entrusted to the Provincial Governments.' Many of them are too small to deserve the name of State, while some are as large as certain kingdoms of Europe. All the Native States 'are subject to the control of the paramount

hardly be superfluous. Nay, it has become absolutely essential at the present moment in view of the larger association of the people of India in the Government of their country which has been made possible by the liberal policy associated with the Council Reforms of 1909. Not only those who are directly connected with legislative and administrative work, but every ordinary citizen too who aspires to do his duty by himself, his countrymen and his Government, must acquire a decent knowledge of the nature and methods of the administration and governance of the country.

As the various parts of this sub-continent came gradually under British sway one after another during the course of the 18th and the 19th centuries, a systematic division of the country into administrative units is not to be expected. For the purposes of administration, however, what is called British India, that is, India directly ruled and administered by the British Government, is, including Delhi, split up into 15 territorial divisions of varying size. Total area of this whole territory is 10,93,074 square miles and contained, at the latest census a population of 24,42,67,542 souls. Besides British India and interspersed with its provinces, the Indian Empire contains extensive territories of Native Chiefs, viz. the Native States. The area of these territories is enormous, being more than a third of the total area of the Indian peninsula, though the population is only a little less than a fourth of the total for the whole Empire. The Native States 'consist of territory in India not being within His Majesty's dominions yet under his suzerainty, which in the case of 175 States, including those of the greatest importance, is exercised by the Supreme Government, and in the case of the remainder, numbering about 500, is entrusted to the Provincial Governments.' Many of them are too small to deserve the name of State, while some are as large as certain kingdoms of Europe. All the Native States 'are subject to the control of the paramount



power, which is exercised in a greater or less degree, according to the nature of the treaty subsisting with each State. Generally speaking, they have unrestricted civil and criminal jurisdiction, raise their own revenues, some of them levy customs on the frontier of their territories, and all of them maintain a military force, more or less disciplined and equipped, and in some cases, of considerable strength. But they have no political relations with other States and in the larger of them garrisons are furnished from the Indian army.

The following table gives the area and the population of the British Provinces and the Native States, according to the Census of 1911.

PROVINCES.	Area covered by Census. sq. miles.	Total population.
1 Ajmere-Merwara ...	2,711	5,01,395
2 Andamans and Nicobars ...	3,143	26,459
3 Assam ...	83,015	67,13,635
4 Baluchistan ...	54,228	4,14,412
5 Bengal ...	78,699	4,54,83,077
6 Bihar and Orissa ...	83,181	3,44,90,084
7 Bombay (including Aden) ...	1,23,057	1,96,72,642
8 Burma (including Shan States &c.) ...	2,30,839	1,21,15,217
9 Central Provinces and Berar...	99,823	1,39,16,308
10 Coorg ...	1,682	1,74,976
11 Madras ...	1,42,330	4,14,05,404
12 N. W. Frontier Province (Districts) ...	13,418	2,196,933
13 Punjab (including Delhi) ...	99,779	1,99,74,956
14 United Provinces ...	1,07,267	4,71,82,044
Total British Territory ...	10,93,074	24,42,67,542

The first part of the paper discusses the importance of the research and the need for a new approach to the study of the history of the world. The second part of the paper discusses the importance of the research and the need for a new approach to the study of the history of the world. The third part of the paper discusses the importance of the research and the need for a new approach to the study of the history of the world. The fourth part of the paper discusses the importance of the research and the need for a new approach to the study of the history of the world. The fifth part of the paper discusses the importance of the research and the need for a new approach to the study of the history of the world. The sixth part of the paper discusses the importance of the research and the need for a new approach to the study of the history of the world. The seventh part of the paper discusses the importance of the research and the need for a new approach to the study of the history of the world. The eighth part of the paper discusses the importance of the research and the need for a new approach to the study of the history of the world. The ninth part of the paper discusses the importance of the research and the need for a new approach to the study of the history of the world. The tenth part of the paper discusses the importance of the research and the need for a new approach to the study of the history of the world.

Abstract—The authors examined the effects of a 12-week, 100% body weight (BW) resistance training program on the body composition and muscle strength of 10 sedentary, middle-aged men. The subjects were divided into two groups: a control group and an exercise group. The exercise group performed a 12-week, 100% BW resistance training program. The control group did not exercise. The exercise group showed a significant decrease in body fat percentage and an increase in muscle mass and strength. The control group showed no significant changes in body composition or muscle strength. The results of this study suggest that a 12-week, 100% BW resistance training program is effective in improving body composition and muscle strength in sedentary, middle-aged men.

[illegible]

power, which is exercised in a greater or less degree, according to the nature of the treaty subsisting with each State. Generally speaking, they have unrestricted civil and criminal jurisdiction, raise their own revenues, some of them levy customs on the frontier of their territories, and all of them maintain a military force, more or less disciplined and equipped, and in some cases, of considerable strength. But they have no political relations with other States and in the larger of them garrisons are furnished from the Indian army'.

The following table gives the area and the population of the British Provinces and the Native States, according to the Census of 1911.

PROVINCES.	Area covered by Census. sq. miles.	Total population.
1 Ajmere-Merwara ...	2,711	5,01,395
2 Andamans and Nicobars ...	3,143	26,459
3 Assam ...	83,015	67,13,635
4 Baluchistan ...	54,228	4,14,412
5 Bengal ...	78,699	4,54,83,077
6 Bihar and Orissa ...	83,181	3,44,90,084
7 Bombay (including Aden) ...	1,23,057	1,96,72,642
8 Burma (including Shan States &c.) ...	2,30,839	1,21,15,217
9 Central Provinces and Berar...	99,823	1,39,16,308
10 Coorg ...	1,682	1,74,976
11 Madras ...	1,42,330	4,14,05,404
12 N. W. Frontier Province (Districts) ...	13,418	2196,933
13 Punjab (including Delhi) ...	99,779	1,99,74,956
14 United Provinces ...	1,07,267	4,71,82,044
Total British Territory ...	10,93,074	24,42,67,542

		Total covered by Census sq. miles.	Total population.
STATES & AGENCIES.			
1	Assam State (Manipur) ...	8,456	3,46,222
2	Baluchistan States ...	80,410	4,20,291
3	Baroda ...	8,182	20,32,798
4	Bengal States ...	5,393	8,22,565
5	Bihar and Orissa States ...	28,648	39,45,209
6	Bombay States ...	63,864	74,11,675
7	Central India Agency ...	77,367	93,56,980
8	Central Provinces States ...	31,174	21,17,002
9	Hyderabad ...	82,698	1,33,74,676
10	Kashmir ...	84,432	31,58,126
11	Madras States (including Tra- vancore and Cochin) ...	10,084	48,11,841
12	Mysore ...	29,475	58,06,193
13	N. W. Frontier Province (Agen- cies and Tribal Areas) ...	25,500	16,22,094
14	Punjab States ...	36,551	42,12,794
15	Rajputana Agency ...	1,28,987	1,05,30,432
16	Sikkim ...	2,818	87,920
17	United Provinces States (ex- cluding Benares) ...	5,079	8,32,036
Total Native States ...		7,09,118	7,08,88,854
Grand Total, India ...		18,02,192	31,51,56,396

		Total covered by Census sq. miles.	Total population.	
STATES & AGENCIES.				
1	Assam State (Manipur)	...	8,456	3,46,222
2	Baluchistan States	...	80,410	4,20,291
3	Baroda	...	8,182	20,32,798
4	Bengal States	...	5,393	8,22,565
5	Bihar and Orissa States	...	28,648	39,45,209
6	Bombay States	...	63,864	74,11,675
7	Central India Agency	...	77,367	93,56,980
8	Central Provinces States	...	31,174	21,17,002
9	Hyderabad	...	82,698	1,33,74,676
10	Kashmir	...	84,432	31,58,126
11	Madras States (including Tra- vancore and Cochin)	...	10,084	48,11,841
12	Mysore	...	29,475	58,06,193
13	N. W. Frontier Province (Agen- cies and Tribal Areas)	...	25,500	16,22,094
14	Punjab States	...	36,551	42,12,794
15	Rajputana Agency	...	1,28,987	1,05,30,432
16	Sikkim	...	2,818	87,920
17	United Provinces States (ex- cluding Benares)	...	5,079	8,32,036
Total Native States		...	7,09,118	7,08,88,854
Grand Total, India		...	18,02,192	31,51,56,396

CHAPTER II.

GOVERNMENT OF INDIA.

B RITISH India is governed by and in the name of His Majesty the King-Emperor. When in 1858 the Government of this country was transferred from the hands of the East India Company to those of the British Crown, it was enacted that all rights which, if the Act of 1858 had not been passed, might have been exercised by the Company in relation to any territories, might be exercised by and in the name of His Majesty as rights incidental to the government of British India. It was provided that 'one of His Majesty's Principal Secretaries of State shall have and perform all such or the like powers and duties in any wise relating to the government or revenues of India and all such or the like powers over all officers appointed or continued under this Act, as might or should have been exercised or performed by the East India Company, or by the Court of Directors or Court of Proprietors of the said Company.' The number of the Secretaries of State who are entrusted with the duties of important departments in Great Britain, has varied from time to time. Previous to the Act of 1858 there were four Principal Secretaries of State, for Home, Foreign, Colonial and War affairs, but in addition to them, that Act authorised the appointment of a fifth for administering the affairs of India. It is through this minister that the authority of the Crown over India is exercised in England and he has practically stepped into the shoes of the Board of Control which exercised that authority before the transfer of the government of India to the Crown. The Secretary of State for India is a member of the British Cabinet, and as the British ministry is respon-

CHAPTER II.

GOVERNMENT OF INDIA.

B RITISH India is governed by and in the name of His Majesty the King-Emperor. When in 1858 the Government of this country was transferred from the hands of the East India Company to those of the British Crown, it was enacted that all rights which, if the Act of 1858 had not been passed, might have been exercised by the Company in relation to any territories, might be exercised by and in the name of His Majesty as rights incidental to the government of British India. It was provided that 'one of His Majesty's Principal Secretaries of State shall have and perform all such or the like powers and duties in any wise relating to the government or revenues of India and all such or the like powers over all officers appointed or continued under this Act, as might or should have been exercised or performed by the East India Company, or by the Court of Directors or Court of Proprietors of the said Company.' The number of the Secretaries of State who are entrusted with the duties of important departments in Great Britain, has varied from time to time. Previous to the Act of 1858 there were four Principal Secretaries of State, for Home, Foreign, Colonial and War affairs, but in addition to them, that Act authorised the appointment of a fifth for administering the affairs of India. It is through this minister that the authority of the Crown over India is exercised in England and he has practically stepped into the shoes of the Board of Control which exercised that authority before the transfer of the government of India to the Crown. The Secretary of State for India is a member of the British Cabinet, and as the British ministry is respon-

sible to the Parliament, the government of this country is ultimately and in theory subject to the authority and control of Parliament. The statutory powers claimed for the Secretary of State for India are very wide and are undisputed though their exercise in certain circumstances may be resented as injudicious and uncalled for interference. Subject to this authority 'the superintendence, direction and control of the civil and military government of British India is vested in the Governor-General of India in Council.' It was impossible in the conditions of the eighteenth century, when opinions and orders of the authorities in England took months to reach India, for those authorities to direct the administration of this country in all details from such a distance, and in practice large powers had to be left to the Government of India to be exercised, so to say, at their discretion.

In the last chapter we have briefly described the gradual steps by which the East India Company came to occupy a larger part of this peninsula in the course of the eighteenth and the first half of the nineteenth century. The territories acquired in the early years of the Company's rule in the South and the North-east, were administered in each settlement by a President and a Council composed of the servants of the Company and the territories so administered were designated 'Presidencies'. Even now we speak of the Bombay and Madras Presidencies but the term Presidency is an anachronism. There is no reason in common sense or law why the part of India administered by the Governor-in-Council of Bombay should be characterised as a Presidency any more than, for instance, the recently created province of Bihar and Orissa. The main divisions into which British India has been divided for purposes of administration are all of them provinces and whatever justification there may have been at one time for styling certain territorial divisions as presidencies, has now ceased.

sible to the Parliament, the government of this country is ultimately and in theory subject to the authority and control of Parliament. The statutory powers claimed for the Secretary of State for India are very wide and are undisputed though their exercise in certain circumstances may be resented as injudicious and uncalled for interference. Subject to this authority 'the superintendence, direction and control of the civil and military government of British India is vested in the Governor-General of India in Council.' It was impossible in the conditions of the eighteenth century, when opinions and orders of the authorities in England took months to reach India, for those authorities to direct the administration of this country in all details from such a distance, and in practice large powers had to be left to the Government of India to be exercised, so to say, at their discretion.

In the last chapter we have briefly described the gradual steps by which the East India Company came to occupy a larger part of this peninsula in the course of the eighteenth and the first half of the nineteenth century. The territories acquired in the early years of the Company's rule in the South and the North-east, were administered in each settlement by a President and a Council composed of the servants of the Company and the territories so administered were designated 'Presidencies'. Even now we speak of the Bombay and Madras Presidencies but the term Presidency is an anachronism. There is no reason in common sense or law why the part of India administered by the Governor-in-Council of Bombay should be characterised as a Presidency any more than, for instance, the recently created province of Bihar and Orissa. The main divisions into which British India has been divided for purposes of administration are all of them provinces and whatever justification there may have been at one time for styling certain territorial divisions as presidencies, has now ceased.

to exist. We have already referred, in passing, to the circumstances which led to the active interference of the British Parliament in the management of its Indian possessions by the East India Company, in 1773, when the Regulating Act was passed. Some time before that, the attention of the British public and Parliament had been seriously called to the abuses in the Company's administration of Indian affairs and it was felt that Parliamentary intervention had become inevitable. The financial condition of the Company was going from bad to worse though substantial dividends continued to be paid to the stockholders. It was heavily indebted, the army it had to maintain taxed its resources greatly and its servants enriched themselves at the expense of the general exchequer. When on the verge of bankruptcy, the Company approached Parliament in 1773 for financial assistance, and Lord North's government availed itself of that opportunity to overhaul the system of the administration of its Indian possessions. By the first of the two Acts passed on this occasion, the pecuniary embarrassment of the Company was relieved by the grant of a loan and at the same time it was restricted from declaring large dividends until its financial position was materially improved. The other Act passed by Parliament was what is known as the Regulating Act. This was the first Parliamentary enactment designed to prescribe a definite system of government for the possessions of the East India Company in India.

As stated above, the settlements of the Company in this country were called Presidencies, there being three such, those of Fort St. George, Fort William, and Bombay. They were independent of one another and the government within each was absolute and responsible only to the authorities in England. This system of government proved confusing and unworkable. By the Regulating Act, the government of the Presidency of Fort William in Bengal was entrusted to

to exist. We have already referred, in passing, to the circumstances which led to the active interference of the British Parliament in the management of its Indian possessions by the East India Company, in 1773, when the Regulating Act was passed. Some time before that, the attention of the British public and Parliament had been seriously called to the abuses in the Company's administration of Indian affairs and it was felt that Parliamentary intervention had become inevitable. The financial condition of the Company was going from bad to worse though substantial dividends continued to be paid to the stockholders. It was heavily indebted, the army it had to maintain taxed its resources greatly and its servants enriched themselves at the expense of the general exchequer. When on the verge of bankruptcy, the Company approached Parliament in 1773 for financial assistance, and Lord North's government availed itself of that opportunity to overhaul the system of the administration of its Indian possessions. By the first of the two Acts passed on this occasion, the pecuniary embarrassment of the Company was relieved by the grant of a loan and at the same time it was restricted from declaring large dividends until its financial position was materially improved. The other Act passed by Parliament was what is known as the Regulating Act. This was the first Parliamentary enactment designed to prescribe a definite system of government for the possessions of the East India Company in India.

As stated above, the settlements of the Company in this country were called Presidencies, there being three such, those of Fort St. George, Fort William, and Bombay. They were independent of one another and the government within each was absolute and responsible only to the authorities in England. This system of government proved confusing and unworkable. By the Regulating Act, the government of the Presidency of Fort William in Bengal was entrusted to

a Governor General and four counsellors and that Presidency was declared to be supreme over the two other Presidencies. No attempt was, however, made to define the nature or scope of the authority of the Crown over the Indian possessions of the Company. The first Governor General and the members of his Council were named in the Act and after the expiry of their term of office, the power of appointing their successors was to be vested in the Company. It is interesting to note here that five years is now the usual period of the tenure of the higher offices in India such as those of the Governor General, Governors, Lieutenant Governors and members of Council. Though this practice has the sanction of established custom, it has no statutory foundation. How extensive was the power over the minor Presidencies bestowed upon the Governor General and Council may be seen from the provisions of the Act which made it compulsory, except in cases of imminent necessity, for the Governments of those Presidencies to obtain the previous sanction of the Supreme Government before commencing hostilities or declaring war against any Indian princes or powers or negotiating or concluding any treaty with such princes or powers. We may pass over what is familiarly known as Pitt's Act of 1784 and merely observe in connection therewith that by it the control of the Governor General and Council over the Governments of the other presidencies was enlarged and the constitution of the Councils of all the presidencies was modified. The Charter Act of 1793 did not introduce any important alterations; by it the procedure to be followed in the Councils of the three presidencies was regulated and the powers of the Governor General-in-Council over the whole of British India were distinctly declared. Lord Wellesley's regime, which had witnessed extensive wars and large accretions to the territorial possessions of the Company, involved it once more in financial embarrassments and a searching inquiry was made into its position by a committee appointed by the House of Commons. As

a Governor General and four counsellors and that Presidency was declared to be supreme over the two other Presidencies. No attempt was, however, made to define the nature or scope of the authority of the Crown over the Indian possessions of the Company. The first Governor General and the members of his Council were named in the Act and after the expiry of their term of office, the power of appointing their successors was to be vested in the Company. It is interesting to note here that five years is now the usual period of the tenure of the higher offices in India such as those of the Governor General, Governors, Lieutenant Governors and members of Council. Though this practice has the sanction of established custom, it has no statutory foundation. How extensive was the power over the minor Presidencies bestowed upon the Governor General and Council may be seen from the provisions of the Act which made it compulsory, except in cases of imminent necessity, for the Governments of those Presidencies to obtain the previous sanction of the Supreme Government before commencing hostilities or declaring war against any Indian princes or powers or negotiating or concluding any treaty with such princes or powers. We may pass over what is familiarly known as Pitt's Act of 1784 and merely observe in connection therewith that by it the control of the Governor General and Council over the Governments of the other presidencies was enlarged and the constitution of the Councils of all the presidencies was modified. The Charter Act of 1793 did not introduce any important alterations; by it the procedure to be followed in the Councils of the three presidencies was regulated and the powers of the Governor General-in-Council over the whole of British India were distinctly declared. Lord Wellesley's regime, which had witnessed extensive wars and large accretions to the territorial possessions of the Company, involved it once more in financial embarrassments and a searching inquiry was made into its position by a committee appointed by the House of Commons. As

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The table includes the coefficient estimates, standard errors, t-statistics, and p-values for each variable.

Variable	Coefficient	Standard Error	t-statistic	p-value
Age of the head of household	0.05	0.02	2.50	0.01
Gender of the head of household (Male = 1, Female = 0)	-0.10	0.03	-3.33	0.00
Constant	1.50	0.10	15.00	0.00

The regression results indicate that the number of children in the household is positively related to the age of the head of household and negatively related to the gender of the head of household. Specifically, for every one-year increase in the age of the head of household, the number of children in the household increases by 0.05, holding all other variables constant. Conversely, for every one-unit increase in the gender variable (from female to male), the number of children in the household decreases by 0.10, holding all other variables constant.

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The table includes the coefficient estimates, standard errors, t-statistics, and p-values for each variable.

THE UNIVERSITY OF CHICAGO PRESS
50 EAST LEXINGTON AVENUE
NEW YORK, N.Y. 10017
TEL: (212) 850-6000
FAX: (212) 850-6001
WWW.CHICAGO.PRESS.COM

1. **Identify the main topic of the text.**
 2. **Summarize the main points of the text.**
 3. **Identify the author's purpose in writing the text.**
 4. **Identify the author's tone in writing the text.**
 5. **Identify the author's main argument.**
 6. **Identify the author's main evidence.**
 7. **Identify the author's main conclusion.**
 8. **Identify the author's main recommendation.**
 9. **Identify the author's main conclusion.**
 10. **Identify the author's main recommendation.**

1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets.

2. The second step is to analyze the problem. This involves identifying the causes of the problem and determining the impact of the problem on the company.

3. The third step is to develop a solution. This involves identifying the actions that need to be taken to address the problem and determining the resources that will be required.

4. The fourth step is to implement the solution. This involves putting the solution into action and monitoring the progress of the implementation.

5. The fifth step is to evaluate the results. This involves assessing the effectiveness of the solution and determining whether the problem has been resolved.

11. **ANSWER: C**

As a result, the Charter Act of 1813 granted the Indian possessions and revenues to the Company for a further term of twenty years, reserved to them for the same period China trade and the tea trade, but threw open the general trade of India, subject, of course, to certain restrictions. Thus the trading monopoly of the Company in India was gone, but the Act made no changes in the constitution of the government in this country.

When twenty years later, the charter was again renewed, the constitution of the East India Company and the system of its administration in India came in for considerable modifications. It is worthy of note that while the territorial possessions of the Company were to remain in its hands and under its management till April 1854, they and any additions that might be made to them in the interval, were to be held 'in trust for His Majesty, his heirs and successors for the service of the Government of India'. The Company's monopoly of the China trade and of the tea trade was abolished, and it altogether ceased to be a commercial body. Before this the Governor General had been Governor General of Bengal in Council. Now the 'superintendence, direction and control of the whole civil and military Government in India were expressly vested in the 'Governor General of India in Council'. A fourth member was added to this Council, who was not to be a servant of the Company and whose duty was confined entirely to the subject of legislation. The territories of the Bengal Presidency had become unwieldy on account of the additions made to it from time to time during the thirty years preceding the passing of the Act of 1833, and it was provided that Bengal should be split up into two distinct presidencies to be called the Presidency of Fort William and the Presidency of Agra, the former being governed by the Governor General. This provision was not carried out, but by an amending Act of 1835, the appointment of a Lieuten-

As a result, the Charter Act of 1813 granted the Indian possessions and revenues to the Company for a further term of twenty years, reserved to them for the same period China trade and the tea trade, but threw open the general trade of India, subject, of course, to certain restrictions. Thus the trading monopoly of the Company in India was gone, but the Act made no changes in the constitution of the government in this country.

When twenty years later, the charter was again renewed, the constitution of the East India Company and the system of its administration in India came in for considerable modifications. It is worthy of note that while the territorial possessions of the Company were to remain in its hands and under its management till April 1854, they and any additions that might be made to them in the interval, were to be held in trust for His Majesty, his heirs and successors for the service of the Government of India'. The Company's monopoly of the China trade and of the tea trade was abolished, and it altogether ceased to be a commercial body. Before this the Governor General had been Governor General of Bengal in Council. Now the 'superintendence, direction and control of the whole civil and military Government in India were expressly vested in the 'Governor General of India in Council'. A fourth member was added to this Council, who was not to be a servant of the Company and whose duty was confined entirely to the subject of legislation. The territories of the Bengal Presidency had become unwieldy on account of the additions made to it from time to time during the thirty years preceding the passing of the Act of 1833, and it was provided that Bengal should be split up into two distinct presidencies to be called the Presidency of Fort William and the Presidency of Agra, the former being governed by the Governor General. This provision was not carried out, but by an amending Act of 1835, the appointment of a Lieuten-

ant Governor for the North Western Provinces was authorised and the first appointment was made in 1836. The last of the Charter Acts was passed in 1853. The powers of the Company were continued but not for a definite period of twenty years as before, the Act simply providing that the Indian territories should remain under the Government of the Company, in trust for the Crown, until Parliament should otherwise direct. We have stated above that the Governor General was also the Governor of the Presidency of Bengal under the Act of 1833. It is easy to conceive how inconvenient and inefficient this arrangement must have proved, and the Charter Act of 1853 authorised the appointment of a separate Governor for that Presidency distinct from the Governor General. As in the case of the North Western Provinces so in that of Bengal, the intentions of the legislature were not carried out. A Lieutenant Governor was appointed for Bengal, in 1854 and the Governor General was thus relieved of his charge of the administration of that Presidency. The Province of Assam was carved out of Bengal in 1874 when eleven districts were separated from the Lieutenant Governorship of the province and erected into an independent administration under a Chief Commissioner. In 1905 Assam, together with certain districts of Bengal, was detached from that province and formed into a separate administration under a Lieutenant Governor. There was recently a rearrangement of the districts of Bengal and under it, Assam reverted to the position of a Chief Commissionership and a new province was created out of Behar, Orrisa and Chota Nagpur. Bengal was given a Governor and raised to the level of the two sister presidencies of Bombay and Madras. In pursuance of the policy of making the Governor General thoroughly independent of provincial influences, the seat of his Government was transferred from Calcutta to Delhi and that city, hallowed by old memories, was converted into the capital of modern India. The Act of 1854 empowered the Governor

ant Governor for the North Western Provinces was authorised and the first appointment was made in 1836. The last of the Charter Acts was passed in 1853. The powers of the Company were continued but not for a definite period of twenty years as before, the Act simply providing that the Indian territories should remain under the Government of the Company, in trust for the Crown, until Parliament should otherwise direct. We have stated above that the Governor General was also the Governor of the Presidency of Bengal under the Act of 1833. It is easy to conceive how inconvenient and inefficient this arrangement must have proved, and the Charter Act of 1853 authorised the appointment of a separate Governor for that Presidency distinct from the Governor General. As in the case of the North Western Provinces so in that of Bengal, the intentions of the legislature were not carried out. A Lieutenant Governor was appointed for Bengal, in 1854 and the Governor General was thus relieved of his charge of the administration of that Presidency. The Province of Assam was carved out of Bengal in 1874 when eleven districts were separated from the Lieutenant Governorship of the province and erected into an independent administration under a Chief Commissioner. In 1905 Assam, together with certain districts of Bengal, was detached from that province and formed into a separate administration under a Lieutenant Governor. There was recently a rearrangement of the districts of Bengal and under it, Assam reverted to the position of a Chief Commissionership and a new province was created out of Behar, Orrisa and Chota Nagpur. Bengal was given a Governor and raised to the level of the two sister presidencies of Bombay and Madras. In pursuance of the policy of making the Governor General thoroughly independent of provincial influences, the seat of his Government was transferred from Calcutta to Delhi and that city, hallowed by old memories, was converted into the capital of modern India. The Act of 1854 empowered the Governor

The purpose of this document is to provide a comprehensive overview of the current state of the project and to outline the key objectives and milestones for the upcoming phase. This document is intended for internal use only and should be handled accordingly.

The project has been initiated to address the growing need for a more efficient and secure system. The primary goal is to develop a robust platform that can handle large volumes of data and provide a seamless user experience. The project is currently in the planning stage, and the following milestones have been identified:

- Phase 1: Requirements Gathering** - This phase involves identifying the specific needs and requirements of the stakeholders. It includes conducting interviews, workshops, and reviewing existing documentation.
- Phase 2: System Design** - This phase focuses on creating a detailed architectural design for the system. It includes defining the data models, database schema, and the overall system architecture.
- Phase 3: Development** - This phase involves the actual coding and implementation of the system. It includes developing the front-end user interface, the back-end logic, and the database layer.
- Phase 4: Testing** - This phase is dedicated to ensuring the quality and reliability of the system. It includes unit testing, integration testing, and user acceptance testing.
- Phase 5: Deployment** - This phase involves the final release of the system into the production environment. It includes monitoring the system's performance and addressing any issues that may arise.

The project team is committed to delivering a high-quality solution that meets the needs of the organization. We will maintain open communication throughout the project and provide regular updates on the progress.

This document is classified as **CONFIDENTIAL** and should not be distributed outside the project team. Any unauthorized disclosure of this information is strictly prohibited.

General of India in Council, with the sanction of the home authorities, to take by proclamation under his immediate authority any part of the territories for the time being under the government of the East India Company and provide for its administration. This power was exercised in creating Chief Commissionerships like those of Assam, Central Provinces and Burma. The Government of India was like-wise empowered to define the limits of the several provinces of India and it was enacted that the Governor General was no longer to bear the title of Governor of the presidency of Bengal.

The act of 1858 gave the finishing touch to the development of the constitution of the Government of India by declaring that British India was to be governed directly by and in the name of the Crown acting through a Secretary of State to whom were to be transferred all the powers formerly exercised either by the Court of Directors or by the Board of Control. Subject to the authority of the Secretary of State, the Government of India is primarily responsible for the administration of the whole of this country and all provincial governments and administrations are subordinate to it. Besides the control it exercises over the principal Native States that Government has reserved to itself absolutely certain important departments in which the interests of the country as a whole are involved such as those of foreign relations, defence, taxation, currency, railways, posts, telegraphs and so forth. The ordinary administration, the assessment and collection of revenue and departments like the medical and public works are left to the Governments of Provinces. The ultimate responsibility of the Government of India for the good government of the country necessitates supervision and control over the Provincial Governments. It is calculated to serve as a regulating, unifying and co-ordinating central authority and it lays down general policy for the guidance of local administrations, of

General of India in Council, with the sanction of the home authorities, to take by proclamation under his immediate authority any part of the territories for the time being under the government of the East India Company and provide for its administration. This power was exercised in creating Chief Commissionerships like those of Assam, Central Provinces and Burma. The Government of India was like-wise empowered to define the limits of the several provinces of India and it was enacted that the Governor General was no longer to bear the title of Governor of the presidency of Bengal.

The act of 1858 gave the finishing touch to the development of the constitution of the Government of India by declaring that British India was to be governed directly by and in the name of the Crown acting through a Secretary of State to whom were to be transferred all the powers formerly exercised either by the Court of Directors or by the Board of Control. Subject to the authority of the Secretary of State, the Government of India is primarily responsible for the administration of the whole of this country and all provincial governments and administrations are subordinate to it. Besides the control it exercises over the principal Native States that Government has reserved to itself absolutely certain important departments in which the interests of the country as a whole are involved such as those of foreign relations, defence, taxation, currency, railways, posts, telegraphs and so forth. The ordinary administration, the assessment and collection of revenue and departments like the medical and public works are left to the Governments of Provinces. The ultimate responsibility of the Government of India for the good government of the country necessitates supervision and control over the Provincial Governments. It is calculated to serve as a regulating, unifying and co-ordinating central authority and it lays down general policy for the guidance of local administrations, of

course, subject to the peculiar requirements of the provinces. The departments which that Government has taken under its immediate charge, it is obvious, could not have been left to the Governments of the provinces. There is visible a tendancy towards decentralization of authority and provincial autonomy, consistent with the healthy progress of the country as a whole, appears to be the goal of development. As matters stand, however, the control of the Supreme Government is real and extensive and the local Governments have but little power of initiation. At the head of the Government in India is the Governor General, who is also Viceroy or representative of the King-Emperor. As the term 'Prime Minister' is unknown to the British constitution, so the designation 'Viceroy', which has been commonly applied to the Governor General since the transfer of the Government to the Crown, is not recognised by law. When the assumption of the Government of India by the Crown was announced in the Queen's Proclamation of 1858, Lord Canning was referred to as 'the first Viceroy and Governor General.' Since then the word has been commonly used to indicate the Governor General and the two terms are sometimes taken to be synonymous. He is appointed by the King by warrant under his sign manual, and usually holds office for a term of five years, though this period is nowhere legally defined. The appointment of the Governor General is made on the advice of the Prime Minister and he is usually selected from among English statesmen of high rank. In strict theory, the Governor General is merely president of his Council with a casting vote in case of equality. However, he has power to overrule his Council or a dissentient majority in it, in respect of measures whereby the safety, tranquillity or interests of the British possessions in India are, or may be, in the judgment of the said Governor General, essentially affected.

It may be remembered that the Government of Fort William, as constituted by the Act of 1773 consisted of the

The first of these is the fact that the human race is not a homogeneous mass, but is composed of many distinct groups, each with its own characteristics. These groups are known as races, and they are distinguished from one another by their physical and mental qualities. The second fact is that the human race is not stationary, but is constantly changing. This change is due to a variety of causes, including migration, interbreeding, and the influence of the environment. The third fact is that the human race is not uniform, but is highly variable. This variability is due to the same causes as the change, and it is this variability that makes the study of the human race so interesting and so difficult.

The study of the human race is a branch of the science of anthropology, and it is one of the most important branches of this science. It is important because it helps us to understand the human mind and the human body, and it helps us to understand the human race as a whole. It is also important because it helps us to understand the human race in its relation to the other races of the world, and it helps us to understand the human race in its relation to the environment.

The study of the human race is a branch of the science of anthropology, and it is one of the most important branches of this science. It is important because it helps us to understand the human mind and the human body, and it helps us to understand the human race as a whole. It is also important because it helps us to understand the human race in its relation to the other races of the world, and it helps us to understand the human race in its relation to the environment.

THE JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE
1911

course, subject to the peculiar requirements of the provinces. The departments which that Government has taken under its immediate charge, it is obvious, could not have been left to the Governments of the provinces. There is visible a tendancy towards decentralization of authority and provincial autonomy, consistent with the healthy progress of the country as a whole, appears to be the goal of development. As matters stand, however, the control of the Supreme Government is real and extensive and the local Governments have but little power of initiation. At the head of the Government in India is the Governor General, who is also Viceroy or representative of the King-Emperor. As the term 'Prime Minister' is unknown to the British constitution, so the designation 'Viceroy', which has been commonly applied to the Governor General since the transfer of the Government to the Crown, is not recognised by law. When the assumption of the Government of India by the Crown was announced in the Queen's Proclamation of 1858, Lord Canning was referred to as 'the first Viceroy and Governor General.' Since then the word has been commonly used to indicate the Governor General and the two terms are sometimes taken to be synonymous. He is appointed by the King by warrant under his sign manual, and usually holds office for a term of five years, though this period is nowhere legally defined. The appointment of the Governor General is made on the advice of the Prime Minister and he is usually selected from among English statesmen of high rank. In strict theory, the Governor General is merely president of his Council with a casting vote in case of equality. However, he has power to overrule his Council or a dissentient majority in it, in respect of measures whereby the safety, tranquillity or interests of the British possessions in India are, or may be, in the judgment of the said Governor General, essentially affected.

It may be remembered that the Government of Fort William, as constituted by the Act of 1773 consisted of the

Governor General and four Councillors who were named in the Act. The Governor General and Council were bound by the votes of a majority of those present at their meetings, and in case of an equal division the Governor General had a casting vote. By the Act of 1784 the number of members of the Governor General's Council was reduced to three, of whom the Commander-in-Chief of the Company's forces in India was to be one and to have precedence next to the Governor General. The Charter Act of 1793 confirmed this constitution, but made the appointment of the Commander-in-Chief as an additional member permissive and not obligatory, and the power of so appointing him has always been acted on from that time. The Council was increased by the Act of 1833 by the addition of a fourth ordinary member, who was not to be one of the Company's servants and was not to be entitled to act as member of Council except for legislative purposes. The Act provided that one of the three ordinary Councillors, heretofore all appointed from the Civil Service, might be appointed from the Army. That Act deprived the subordinate Governments of the power of legislation which had been conferred upon them by previous Acts and rested the legislative power of the Indian Government exclusively in the Governor General-in-Council who had been, as stated above, reinforced by the addition of a fourth legislative member. The legislative power was restored to the Local Governments twenty years later. The Indian Councils Act of 1861 modified the constitution of the Governor General's Council by adding to it a fifth ordinary member. Until 1859 the fourth ordinary member had always been a barrister but in that year the financial difficulties of the Indian Government led to a vacancy in that office being filled up by the appointment of an experienced financier. Thus the Council had no legal member for some time and the Act of 1861, therefore, provided that the Council should consist of five ordinary members of whom three only must have served for ten years in

Governor General and four Councillors who were named in the Act. The Governor General and Council were bound by the votes of a majority of those present at their meetings, and in case of an equal division the Governor General had a casting vote. By the Act of 1784 the number of members of the Governor General's Council was reduced to three, of whom the Commander-in-Chief of the Company's forces in India was to be one and to have precedence next to the Governor General. The Charter Act of 1793 confirmed this constitution, but made the appointment of the Commander-in-Chief as an additional member permissive and not obligatory, and the power of so appointing him has always been acted on from that time. The Council was increased by the Act of 1833 by the addition of a fourth ordinary member, who was not to be one of the Company's servants and was not to be entitled to act as member of Council except for legislative purposes. The Act provided that one of the three ordinary Councillors, heretofore all appointed from the Civil Service, might be appointed from the Army. That Act deprived the subordinate Governments of the power of legislation which had been conferred upon them by previous Acts and rested the legislative power of the Indian Government exclusively in the Governor General-in-Council who had been, as stated above, reinforced by the addition of a fourth legislative member. The legislative power was restored to the Local Governments twenty years later. The Indian Councils Act of 1861 modified the constitution of the Governor General's Council by adding to it a fifth ordinary member. Until 1859 the fourth ordinary member had always been a barrister but in that year the financial difficulties of the Indian Government led to a vacancy in that office being filled up by the appointment of an experienced financier. Thus the Council had no legal member for some time and the Act of 1861, therefore, provided that the Council should consist of five ordinary members of whom three only must have served for ten years in

India under the Company or the Crown and that one member was to be a barrister or advocate of five years' standing. Power was retained to appoint the Commander-in-Chief an extraordinary member. All the ordinary members were now placed on an equal footing, and henceforward held precedence in order of appointment, and took part in all the deliberations of the Council. A temporary vacancy in the office of the Governor General was filled up before this time by the senior ordinary member of his Council, but as the senior member for the time being might be a person without experience of Indian administration it was provided that in the event of a Governor General temporarily vacating his appointment, the Senior Governor of a presidency should act as his *locum tenens*. The Government of India Act, 1869, transferred from the Secretary of State in Council to the Crown the right of filling vacancies in the offices of the members of the Councils in India. Until that year only the two members who did not belong to the Indian service were appointed by the Crown, the remaining three being appointed by the Secretary of State in Council. Provision was made for the appointment of a sixth member for public works purposes by the Act of 1874. The Act was, for a long time, in abeyance and the Indian Councils Act of 1904 while continuing the power to appoint a sixth member of the Governor General's Council, removed the necessity for appointing him specifically for public works purposes.

At present the Viceroy's Executive Council consists of six ordinary members appointed by warrant under the Royal Sign Manual and of the Commander-in-Chief in India who is, under the statute, an extraordinary member appointed by the Secretary of State in Council at his discretion. These may be compared with British cabinet ministers inasmuch as each of them has charge of one or more of the various departments of the Government. The Gover-

India under the Company or the Crown and that one member was to be a barrister or advocate of five years' standing. Power was retained to appoint the Commander-in-Chief an extraordinary member. All the ordinary members were now placed on an equal footing, and henceforward held precedence in order of appointment, and took part in all the deliberations of the Council. A temporary vacancy in the office of the Governor General was filled up before this time by the senior ordinary member of his Council, but as the senior member for the time being might be a person without experience of Indian administration it was provided that in the event of a Governor General temporarily vacating his appointment, the Senior Governor of a presidency should act as his *locum tenens*. The Government of India Act, 1869, transferred from the Secretary of State in Council to the Crown the right of filling vacancies in the offices of the members of the Councils in India. Until that year only the two members who did not belong to the Indian service were appointed by the Crown, the remaining three being appointed by the Secretary of State in Council. Provision was made for the appointment of a sixth member for public works purposes by the Act of 1874. The Act was, for a long time, in abeyance and the Indian Councils Act of 1904 while continuing the power to appoint a sixth member of the Governor General's Council, removed the necessity for appointing him specifically for public works purposes.

At present the Viceroy's Executive Council consists of six ordinary members appointed by warrant under the Royal Sign Manual and of the Commander-in-Chief in India who is, under the statute, an extraordinary member appointed by the Secretary of State in Council at his discretion. These may be compared with British cabinet ministers inasmuch as each of them has charge of one or more of the various departments of the Government. The Gover-

nor General reserves to himself the Foreign Department and the several other departments except the Army and the Railways, are divided among the members of the Council. The six large departments thus distributed are, Finance, Home, Legislative, Revenue and Agriculture, Commerce and Industry, and Education. Of these, the Army Department is taken by the Commander-in-Chief who is always an extraordinary member. The Railways are in the charge of a separate Railway Board composed of three experts which is represented in the Council by the Member for Commerce and Industry and one of the members of the Council is now an Indian. The special functions of these separate members have changed with changes made in these departments during the last ten years. Throughout the period, the Governor General has himself been in charge of the Foreign Department, and the Legislative Department in that of a special member (who has, since March 1909 been an Indian). In 1902 the four remaining ordinary members (there were then five only) had charge respectively of the Military, Public Works, Finance and Commerce, and Home and Revenue and Agricultural Departments. The Commander-in-Chief had no department under him. In 1905 a number of changes were made. A sixth ordinary member was added, to take charge of the new department of Commerce and Industry, and at the same time the Public Works Department (having transferred a large part of its work to the new department and to the Railway Board) became a joint charge with the Revenue and Agriculture Department, while the Home Department became a separate charge. Later in the same year, the Military Department was replaced by the Army and Military Supply Department. The former was placed under the Commander-in-Chief, who thus for the first time received the charge of a department; the latter was in charge of a separate member, who replaced the member in charge of the Military Department. In 1909 the Military

nor General reserves to himself the Foreign Department and the several other departments except the Army and the Railways, are divided among the members of the Council. The six large departments thus distributed are, Finance, Home, Legislative, Revenue and Agriculture, Commerce and Industry, and Education. Of these, the Army Department is taken by the Commander-in-Chief who is always an extraordinary member. The Railways are in the charge of a separate Railway Board composed of three experts which is represented in the Council by the Member for Commerce and Industry and one of the members of the Council is now an Indian. The special functions of these separate members have changed with changes made in these departments during the last ten years. Throughout the period, the Governor General has himself been in charge of the Foreign Department, and the Legislative Department in that of a special member (who has, since March 1909 been an Indian). In 1902 the four remaining ordinary members (there were then five only) had charge respectively of the Military, Public Works, Finance and Commerce, and Home and Revenue and Agricultural Departments. The Commander-in-Chief had no department under him. In 1905 a number of changes were made. A sixth ordinary member was added, to take charge of the new department of Commerce and Industry, and at the same time the Public Works Department (having transferred a large part of its work to the new department and to the Railway Board) became a joint charge with the Revenue and Agriculture Department, while the Home Department became a separate charge. Later in the same year, the Military Department was replaced by the Army and Military Supply Department. The former was placed under the Commander-in-Chief, who thus for the first time received the charge of a department; the latter was in charge of a separate member, who replaced the member in charge of the Military Department. In 1909 the Military

The first of these is the fact that the medical profession is a very small group of people, and that the public is very large. The second is the fact that the medical profession is a very old profession, and that the public is very young. The third is the fact that the medical profession is a very exclusive profession, and that the public is very inclusive. The fourth is the fact that the medical profession is a very conservative profession, and that the public is very progressive. The fifth is the fact that the medical profession is a very professional profession, and that the public is very unprofessional. The sixth is the fact that the medical profession is a very learned profession, and that the public is very unlearned. The seventh is the fact that the medical profession is a very skilled profession, and that the public is very unskilled. The eighth is the fact that the medical profession is a very honest profession, and that the public is very dishonest. The ninth is the fact that the medical profession is a very ethical profession, and that the public is very unethical. The tenth is the fact that the medical profession is a very moral profession, and that the public is very immoral. The eleventh is the fact that the medical profession is a very virtuous profession, and that the public is very unvirtuous. The twelfth is the fact that the medical profession is a very noble profession, and that the public is very ignoble. The thirteenth is the fact that the medical profession is a very heroic profession, and that the public is very unheroic. The fourteenth is the fact that the medical profession is a very brave profession, and that the public is very unbrave. The fifteenth is the fact that the medical profession is a very courageous profession, and that the public is very uncourageous. The sixteenth is the fact that the medical profession is a very strong profession, and that the public is very weak. The seventeenth is the fact that the medical profession is a very powerful profession, and that the public is very powerless. The eighteenth is the fact that the medical profession is a very influential profession, and that the public is very uninfluential. The nineteenth is the fact that the medical profession is a very important profession, and that the public is very unimportant. The twentieth is the fact that the medical profession is a very necessary profession, and that the public is very unnecessary. The twenty-first is the fact that the medical profession is a very useful profession, and that the public is very unuseful. The twenty-second is the fact that the medical profession is a very valuable profession, and that the public is very valueless. The twenty-third is the fact that the medical profession is a very precious profession, and that the public is very unprecious. The twenty-fourth is the fact that the medical profession is a very rare profession, and that the public is very common. The twenty-fifth is the fact that the medical profession is a very unique profession, and that the public is very ordinary. The twenty-sixth is the fact that the medical profession is a very special profession, and that the public is very general. The twenty-seventh is the fact that the medical profession is a very particular profession, and that the public is very universal. The twenty-eighth is the fact that the medical profession is a very specific profession, and that the public is very vague. The twenty-ninth is the fact that the medical profession is a very definite profession, and that the public is very indefinite. The thirtieth is the fact that the medical profession is a very clear profession, and that the public is very unclear. The thirty-first is the fact that the medical profession is a very bright profession, and that the public is very dim. The thirty-second is the fact that the medical profession is a very shining profession, and that the public is very dull. The thirty-third is the fact that the medical profession is a very brilliant profession, and that the public is very stupid. The thirty-fourth is the fact that the medical profession is a very intelligent profession, and that the public is very foolish. The thirty-fifth is the fact that the medical profession is a very wise profession, and that the public is very ignorant. The thirty-sixth is the fact that the medical profession is a very knowledgeable profession, and that the public is very ignorant. The thirty-seventh is the fact that the medical profession is a very informed profession, and that the public is very uninformed. The thirty-eighth is the fact that the medical profession is a very educated profession, and that the public is very uneducated. The thirty-ninth is the fact that the medical profession is a very cultured profession, and that the public is very uncultured. The fortieth is the fact that the medical profession is a very refined profession, and that the public is very uncivilized. The forty-first is the fact that the medical profession is a very sophisticated profession, and that the public is very unsophisticated. The forty-second is the fact that the medical profession is a very elegant profession, and that the public is very inelegant. The forty-third is the fact that the medical profession is a very graceful profession, and that the public is very ungainly. The forty-fourth is the fact that the medical profession is a very beautiful profession, and that the public is very ugly. The forty-fifth is the fact that the medical profession is a very attractive profession, and that the public is very repulsive. The forty-sixth is the fact that the medical profession is a very charming profession, and that the public is very uncharming. The forty-seventh is the fact that the medical profession is a very pleasant profession, and that the public is very unpleasant. The forty-eighth is the fact that the medical profession is a very enjoyable profession, and that the public is very unenjoyable. The forty-ninth is the fact that the medical profession is a very fun profession, and that the public is very boring. The fiftieth is the fact that the medical profession is a very interesting profession, and that the public is very dull. The fifty-first is the fact that the medical profession is a very exciting profession, and that the public is very dull. The fifty-second is the fact that the medical profession is a very thrilling profession, and that the public is very dull. The fifty-third is the fact that the medical profession is a very adventurous profession, and that the public is very dull. The fifty-fourth is the fact that the medical profession is a very daring profession, and that the public is very dull. The fifty-fifth is the fact that the medical profession is a very bold profession, and that the public is very dull. The fifty-sixth is the fact that the medical profession is a very brave profession, and that the public is very dull. The fifty-seventh is the fact that the medical profession is a very courageous profession, and that the public is very dull. The fifty-eighth is the fact that the medical profession is a very strong profession, and that the public is very dull. The fifty-ninth is the fact that the medical profession is a very powerful profession, and that the public is very dull. The sixtieth is the fact that the medical profession is a very influential profession, and that the public is very dull. The sixty-first is the fact that the medical profession is a very important profession, and that the public is very dull. The sixty-second is the fact that the medical profession is a very necessary profession, and that the public is very dull. The sixty-third is the fact that the medical profession is a very useful profession, and that the public is very dull. The sixty-fourth is the fact that the medical profession is a very valuable profession, and that the public is very dull. The sixty-fifth is the fact that the medical profession is a very precious profession, and that the public is very dull. The sixty-sixth is the fact that the medical profession is a very rare profession, and that the public is very dull. The sixty-seventh is the fact that the medical profession is a very unique profession, and that the public is very dull. The sixty-eighth is the fact that the medical profession is a very special profession, and that the public is very dull. The sixty-ninth is the fact that the medical profession is a very particular profession, and that the public is very dull. The seventieth is the fact that the medical profession is a very specific profession, and that the public is very dull. The seventy-first is the fact that the medical profession is a very definite profession, and that the public is very dull. The seventy-second is the fact that the medical profession is a very clear profession, and that the public is very dull. The seventy-third is the fact that the medical profession is a very bright profession, and that the public is very dull. The seventy-fourth is the fact that the medical profession is a very shining profession, and that the public is very dull. The seventy-fifth is the fact that the medical profession is a very brilliant profession, and that the public is very dull. The seventy-sixth is the fact that the medical profession is a very intelligent profession, and that the public is very dull. The seventy-seventh is the fact that the medical profession is a very wise profession, and that the public is very dull. The seventy-eighth is the fact that the medical profession is a very knowledgeable profession, and that the public is very dull. The seventy-ninth is the fact that the medical profession is a very informed profession, and that the public is very dull. The eightieth is the fact that the medical profession is a very educated profession, and that the public is very dull. The eighty-first is the fact that the medical profession is a very cultured profession, and that the public is very dull. The eighty-second is the fact that the medical profession is a very refined profession, and that the public is very dull. The eighty-third is the fact that the medical profession is a very sophisticated profession, and that the public is very dull. The eighty-fourth is the fact that the medical profession is a very elegant profession, and that the public is very dull. The eighty-fifth is the fact that the medical profession is a very graceful profession, and that the public is very dull. The eighty-sixth is the fact that the medical profession is a very beautiful profession, and that the public is very dull. The eighty-seventh is the fact that the medical profession is a very attractive profession, and that the public is very dull. The eighty-eighth is the fact that the medical profession is a very charming profession, and that the public is very dull. The eighty-ninth is the fact that the medical profession is a very pleasant profession, and that the public is very dull. The ninetieth is the fact that the medical profession is a very enjoyable profession, and that the public is very dull. The ninety-first is the fact that the medical profession is a very fun profession, and that the public is very dull. The ninety-second is the fact that the medical profession is a very interesting profession, and that the public is very dull. The ninety-third is the fact that the medical profession is a very exciting profession, and that the public is very dull. The ninety-fourth is the fact that the medical profession is a very thrilling profession, and that the public is very dull. The ninety-fifth is the fact that the medical profession is a very adventurous profession, and that the public is very dull. The ninety-sixth is the fact that the medical profession is a very daring profession, and that the public is very dull. The ninety-seventh is the fact that the medical profession is a very bold profession, and that the public is very dull. The ninety-eighth is the fact that the medical profession is a very brave profession, and that the public is very dull. The ninety-ninth is the fact that the medical profession is a very courageous profession, and that the public is very dull. The hundredth is the fact that the medical profession is a very strong profession, and that the public is very dull.

Supply Department was abolished, and the responsibility for the whole military administration passed to the Commander-in-Chief as member in charge of the Army Department. Finally, in November 1910, a sixth ordinary member was again added to take charge of the newly constituted Education Department. At present, therefore, the Foreign Department is under the Governor General, the Army Department under the Commander-in-Chief, and the Finance, Home, Commerce and Industry, Education, and Legislative Departments have each a separate member, while the Public Works Department is a joint charge with the Department of Revenue and Agriculture. The ordinary members, like the Governor General himself, are appointed by His Majesty by warrant under the Royal Sign Manual, for a period of five years. The principle by which the appointments are supposed to be guided is that three of the ordinary members of the Council must be persons who at the time of the appointment have been for at least ten years in the service of the Crown in India and one must be a barrister of England or Ireland or a member of the Faculty of Advocates of Scotland, of not less than five years' standing. The appointment of an Indian is a matter more of practice than of statute and is an important feature of the famous reforms initiated by Lord Morley. In practice the members are mostly chosen from the Indian Civil Service, while specialists in finance or the organization of commerce and industry are selected from outside. The Secretary of State is at liberty to advise His Majesty to appoint any person as a member and he usually submits names to the Crown on the recommendation of the Governor General. While the member of Council corresponds to the English Secretary of State, there is, at the head of each department, a Secretary to the Government who is assisted by a staff of Deputy, Under and Assistant Secretaries, holding a position analogous to that of a Permanent Under Secretary in England. This Secretary prepares every case

Supply Department was abolished, and the responsibility for the whole military administration passed to the Commander-in-Chief as member in charge of the Army Department. Finally, in November 1910, a sixth ordinary member was again added to take charge of the newly constituted Education Department. At present, therefore, the Foreign Department is under the Governor General, the Army Department under the Commander-in-Chief, and the Finance, Home, Commerce and Industry, Education, and Legislative Departments have each a separate member, while the Public Works Department is a joint charge with the Department of Revenue and Agriculture. The ordinary members, like the Governor General himself, are appointed by His Majesty by warrant under the Royal Sign Manual, for a period of five years. The principle by which the appointments are supposed to be guided is that three of the ordinary members of the Council must be persons who at the time of the appointment have been for at least ten years in the service of the Crown in India and one must be a barrister of England or Ireland or a member of the Faculty of Advocates of Scotland, of not less than five years' standing. The appointment of an Indian is a matter more of practice than of statute and is an important feature of the famous reforms initiated by Lord Morley. In practice the members are mostly chosen from the Indian Civil Service, while specialists in finance or the organization of commerce and industry are selected from outside. The Secretary of State is at liberty to advise His Majesty to appoint any person as a member and he usually submits names to the Crown on the recommendation of the Governor General. While the member of Council corresponds to the English Secretary of State, there is, at the head of each department, a Secretary to the Government who is assisted by a staff of Deputy, Under and Assistant Secretaries, holding a position analogous to that of a Permanent Under Secretary in England. This Secretary prepares every case

for the consideration of the Governor General or the Member in charge of his department and submits with it his own opinion on the matter. In ordinary cases the member passes orders and they are final, but when a matter is of particular importance involving serious difference of opinion or raising questions of policy, the case is submitted to the Council and its orders thereon are then issued by the Secretaries in charge. This procedure too is analogous to that of the British Cabinet to which specially important matters are submitted for discussion and decision. All orders and other proceedings of the Governor General-in-Council must be expressed to be made by the Governor General-in-Council and must be signed by a Secretary to the Government of India, or otherwise as the Governor General-in-Council may direct. At the ordinary meetings of the Council, in case there is a difference of opinion on any question, the Governor General-in-Council is bound by the opinion and decision of the majority of the members present and in the case of equal division, the Governor General or in his absence, the Senior Member of the Council has the casting vote. The Governor General is, however, armed with power to act on his own opinion and overrule the majority in the Council when, in his judgment, the safety, tranquillity or interests of British India are essentially affected. But in every such case any two members of the dissentient majority may require that the circumstances of the case may be notified and that copies of any minutes which the members of the Council may have recorded on the subject must be forwarded to the Secretary of State. Besides the members of the Viceregal Council and the Secretaries of the various departments, there are several officers directly under the Government of India, such as the Directors General and Inspectors General whose duty it is to supervise the various imperial and provincial departments and advise them on matters with which they are connected.

for the consideration of the Governor General or the Member in charge of his department and submits with it his own opinion on the matter. In ordinary cases the member passes orders and they are final, but when a matter is of particular importance involving serious difference of opinion or raising questions of policy, the case is submitted to the Council and its orders thereon are then issued by the Secretaries in charge. This procedure too is analogous to that of the British Cabinet to which specially important matters are submitted for discussion and decision. All orders and other proceedings of the Governor General-in-Council must be expressed to be made by the Governor General-in-Council and must be signed by a Secretary to the Government of India, or otherwise as the Governor General-in-Council may direct. At the ordinary meetings of the Council, in case there is a difference of opinion on any question, the Governor General-in-Council is bound by the opinion and decision of the majority of the members present and in the case of equal division, the Governor General or in his absence, the Senior Member of the Council has the casting vote. The Governor General is, however, armed with power to act on his own opinion and overrule the majority in the Council when, in his judgment, the safety, tranquillity or interests of British India are essentially affected. But in every such case any two members of the dissentient majority may require that the circumstances of the case may be notified and that copies of any minutes which the members of the Council may have recorded on the subject must be forwarded to the Secretary of State. Besides the members of the Viceregal Council and the Secretaries of the various departments, there are several officers directly under the Government of India, such as the Directors General and Inspectors General whose duty it is to supervise the various imperial and provincial departments and advise them on matters with which they are connected.

This departmental system of Government by which the executive business of the Governor General-in-Council is transacted, is a growth of years. Originally, all public business of every kind was supposed to come before all the members of the Council, and questions were ordinarily decided by the majority, the Governor General having a casting vote in the case of an equal division. The Board system led to great confusion and reduced the Governor General to the helpless position of an ornamental figure head. When Lord Cornwallis was offered the office of Governor General, he made it a condition of his accepting it that his powers should be enlarged. Accordingly an Act was passed in 1786 empowering the Governor General in special cases to override the majority of his Council and act on his own responsibility. In his life of Warren Hastings, Macaulay observes:—"At present, the Governor is, as to all executive measures, absolute. He can declare war, conclude peace, appoint public functionaries or remove them in opposition to the unanimous sense of those who sit with him in Council. They are indeed entitled to know all that is done, to discuss all that is done, to advise to, remonstrate, to send protests to England. But it is with the Governor that the supreme power resides, and on whom that the whole responsibility rests.....In the time of Hastings the Governor had only one vote in Council, and in case of an equal division a casting vote. It therefore happened not unfrequently that he was overruled on the gravest questions; and it was possible that he might be wholly excluded, for years together, from the real direction of public affairs." In spite of the change introduced in 1786, the old conception still remained that the Government was to be carried on by the Governor General in concert with the whole Council. If in cases of serious difference of opinion, the Governor General was bent upon carrying his point in the face of the opposition of the majority of his Council, it was provided that both parties were formally.

This departmental system of Government by which the executive business of the Governor General-in-Council is transacted, is a growth of years. Originally, all public business of every kind was supposed to come before all the members of the Council, and questions were ordinarily decided by the majority, the Governor General having a casting vote in the case of an equal division. The Board system led to great confusion and reduced the Governor General to the helpless position of an ornamental figure head. When Lord Cornwallis was offered the office of Governor General, he made it a condition of his accepting it that his powers should be enlarged. Accordingly an Act was passed in 1786 empowering the Governor General in special cases to override the majority of his Council and act on his own responsibility. In his life of Warren Hastings, Macaulay observes:—"At present, the Governor is, as to all executive measures, absolute. He can declare war, conclude peace, appoint public functionaries or remove them in opposition to the unanimous sense of those who sit with him in Council. They are indeed entitled to know all that is done, to discuss all that is done, to advise to, remonstrate, to send protests to England. But it is with the Governor that the supreme power resides, and on whom that the whole responsibility rests.....In the time of Hastings the Governor had only one vote in Council, and in case of an equal division a casting vote. It therefore happened not unfrequently that he was overruled on the gravest questions; and it was possible that he might be wholly excluded, for years together, from the real direction of public affairs." In spite of the change introduced in 1786, the old conception still remained that the Government was to be carried on by the Governor General in concert with the whole Council. If in cases of serious difference of opinion, the Governor General was bent upon carrying his point in the face of the opposition of the majority of his Council, it was provided that both parties were formally

to record their views. The members of the Council were thus mere advisers whose counsels might be accepted or not by the Chief. The latter had, however, a great responsibility thrown upon him and a consciousness of that responsibility was a safeguard against the abuse of the extraordinary power enjoyed by the Governor General. In the time of the Marquis Wellesley, the Council's share in the business of Government was merely nominal. The 'board' was but rarely consulted and orders were issued in the sole name of the Governor General. The procedure usually followed was most inconvenient and cumbrous and as the work of Government grew with the acquisition of new territory and the progress of the country, the affairs could not be transacted by one individual or by the board collectively. This most unsatisfactory system was put an end to by Lord Canning who laid the foundations of the existing system under which each member is entrusted with responsibility for the management of one or more departments and only important matters are referred to the Governor General and the whole Council. When after the Mutiny the finances of India were thrown into a confusion, Mr. James Wilson was brought out as an expert and was appointed a member of Council entrusted solely with the management of the financial business of the Government. A beginning was thus made towards the departmental system of the present moment. This innovation was legalised by the Councils Act of 1861 which empowered the Governor General to make rules and orders for the more convenient transaction of business in his Council, other than the business at legislative meetings, and every order made or act done in accordance with such rules and orders was to be treated as being the order or the act of the Governor General-in-Council. Under this Act Lord Canning made rules by which the several departments of administrative work were distributed among the members of the Council. This system we now see in a

to record their views. The members of the Council were thus mere advisers whose counsels might be accepted or not by the Chief. The latter had, however, a great responsibility thrown upon him and a consciousness of that responsibility was a safeguard against the abuse of the extraordinary power enjoyed by the Governor General. In the time of the Marquis Wellesley, the Council's share in the business of Government was merely nominal. The 'board' was but rarely consulted and orders were issued in the sole name of the Governor General. The procedure usually followed was most inconvenient and cumbrous and as the work of Government grew with the acquisition of new territory and the progress of the country, the affairs could not be transacted by one individual or by the board collectively. This most unsatisfactory system was put an end to by Lord Canning who laid the foundations of the existing system under which each member is entrusted with responsibility for the management of one or more departments and only important matters are referred to the Governor General and the whole Council. When after the Mutiny the finances of India were thrown into a confusion, Mr. James Wilson was brought out as an expert and was appointed a member of Council entrusted solely with the management of the financial business of the Government. A beginning was thus made towards the departmental system of the present moment. This innovation was legalised by the Councils Act of 1861 which empowered the Governor General to make rules and orders for the more convenient transaction of business in his Council, other than the business at legislative meetings, and every order made or act done in accordance with such rules and orders was to be treated as being the order or the act of the Governor General-in-Council. Under this Act Lord Canning made rules by which the several departments of administrative work were distributed among the members of the Council. This system we now see in a

fully developed form and has been compared with the cabinet system obtaining in England and other countries. It has also been likened to 'an absolute monarchy where the King rules through his responsible ministers but yet rules himself'. The resemblance between the Indian Council and the British Cabinet, has been above indicated. But there are certain points of difference which merit attention. The Governor General takes a more active part in the business of the departments than a Prime Minister under a cabinet government does. The Secretary in charge of each department attends upon the Viceroy at least once a week and thus the latter keeps himself in touch with the business of all the departments, though only a few matters are brought actually before the Council on the initiation either of the Governor General or the member in charge of the department concerned. In England, where the party system prevails, the ministers belong to a particular political section which may, for the time being, command a majority in the House of Commons. They are men who hold identical opinions upon important political issues and come into and go out of power together. If a minister differs from his colleagues on any important question he must resign. The ministry is responsible to Parliament and is made and unmade by Parliament representing the electors. The British Cabinet is unknown to the constitution and is recognized only by long established practice. In India everything is different. The Viceroy's Executive Council is not responsible to the people who have absolutely no voice in the appointment of ministers. What is called the opposition in India or the electorate, has nothing to do with the personnel of the Viceregal Council. If a member cannot bring himself to share the views of his colleagues even in matters of the most vital importance, he need not resign as he is usually a member of the Civil Service.

The nine departments enumerated before, between

[illegible]

fully developed form and has been compared with the cabinet system obtaining in England and other countries. It has also been likened to 'an absolute monarchy where the King rules through his responsible ministers but yet rules himself'. The resemblance between the Indian Council and the British Cabinet, has been above indicated. But there are certain points of difference which merit attention. The Governor General takes a more active part in the business of the departments than a Prime Minister under a cabinet government does. The Secretary in charge of each department attends upon the Viceroy at least once a week and thus the latter keeps himself in touch with the business of all the departments, though only a few matters are brought actually before the Council on the initiation either of the Governor General or the member in charge of the department concerned. In England, where the party system prevails, the ministers belong to a particular political section which may, for the time being, command a majority in the House of Commons. They are men who hold identical opinions upon important political issues and come into and go out of power together. If a minister differs from his colleagues on any important question he must resign. The ministry is responsible to Parliament and is made and unmade by Parliament representing the electors. The British Cabinet is unknown to the constitution and is recognized only by long established practice. In India every thing is different. The Viceroy's Executive Council is not responsible to the people who have absolutely no voice in the appointment of ministers. What is called the opposition in India or the electorate, has nothing to do with the personnel of the Viceregal Council. If a member cannot bring himself to share the views of his colleagues even in matters of the most vital importance, he need not resign as he is usually a member of the Civil Service.

The nine departments enumerated before, between

them cover the whole field of administration; to each is assigned a number of heads of business and it should be noted that though the names by which the departments are known indicate generally the nature of their work, they are not to be taken as defining their scope exactly. Thus the Education Department, besides dealing with education, deals with other highly important subjects, including sanitation and municipalities. Most sources of revenue—opium, salt, stamps, excise and assessed taxes—fall within the province of the Finance Department. The Revenue and Agriculture Department is concerned, as regards revenue, only with land revenue. Within a period of five years 1905-1910, the Executive Council of the Governor General has been strengthened by the appointment of two new members in charge of the portfolios of Commerce and Industry and of Education, while during the same period one member of the Council in charge of the Military Supply Department, has been abolished. We now find advocated the further creation of a new Member of Council to be placed in charge of the Foreign-Political Department of the Government of India. It has been said above that each of the principal public departments of the Government of India is in charge of a Secretary and each member of the Governor General's Council is in general control of one or more departments, with the exception of the Foreign-Political Department and Railways. We may repeat that there are at present six Members of Council, namely, (1) Finance, (2) Home, (3) Revenue and Agriculture, (4) Law, (5) Commerce and Industry, (6) Education. The various departments are distributed among the respective Members of Council with the two exceptions mentioned above. The railways are in charge of a Railway Board, while the Secretary to the Government of India in the Foreign-Political Department deals directly with the Viceroy, who is his own Foreign Minister. This arrangement, it is felt, is not the best that can be devised, nor, it is con-

them cover the whole field of administration; to each is assigned a number of heads of business and it should be noted that though the names by which the departments are known indicate generally the nature of their work, they are not to be taken as defining their scope exactly. Thus the Education Department, besides dealing with education, deals with other highly important subjects, including sanitation and municipalities. Most sources of revenue—opium, salt, stamps, excise and assessed taxes—fall within the province of the Finance Department. The Revenue and Agriculture Department is concerned, as regards revenue, only with land revenue. Within a period of five years 1905–1910, the Executive Council of the Governor General has been strengthened by the appointment of two new members in charge of the portfolios of Commerce and Industry and of Education, while during the same period one member of the Council in charge of the Military Supply Department, has been abolished. We now find advocated the further creation of a new Member of Council to be placed in charge of the Foreign–Political Department of the Government of India. It has been said above that each of the principal public departments of the Government of India is in charge of a Secretary and each member of the Governor General's Council is in general control of one or more departments, with the exception of the Foreign–Political Department and Railways. We may repeat that there are at present six Members of Council, namely, (1) Finance, (2) Home, (3) Revenue and Agriculture, (4) Law, (5) Commerce and Industry, (6) Education. The various departments are distributed among the respective Members of Council with the two exceptions mentioned above. The railways are in charge of a Railway Board, while the Secretary to the Government of India in the Foreign–Political Department deals directly with the Viceroy, who is his own Foreign Minister. This arrangement, it is felt, is not the best that can be devised, nor, it is con-

tended, is it the most conducive to the public interest. A reform in the existing machinery of the administration with a view to relieve the Viceroy of the growing burden of work in the Foreign Department and entrust it to a separate Member of Council, was urged by Mr. C. E. Bunbury, C. S. I. in the Contemporary Review for February, 1913. The writer observed :—"The burden of social functions and public business devolving upon the Viceroy of India tends to increase year by year, with the result that he has less and less time available to devote to the affairs of the department which is supposed to be his especial charge. The consequence is that the disposal of business must be left more and more in the hands of the Secretary, and the time has now arrived for the introduction of a further reform in the administrative machinery by the creation of a Member of Council in charge of the Foreign-Political Department." The writer then goes on to describe the heavy work that falls to the share of the Foreign Department in connection with Turkish Arabia, Persia and the Persian Gulf, Muscat, Baluchistan, the North-West Frontier Province, Afghanistan and the larger of the Indian Native States, and sets forth the machinery provided at the headquarters of the Government of India to deal with questions appertaining to the Foreign-Political Department. 'Apart from non-gazetted officials and clerks the staff of the Foreign Office consists of one Secretary, two Deputy Secretaries, one Under Secretary and one Assistant Secretary. That is the sum total of the agency provided at head-quarters to help the Viceroy in elucidating and deciding the multifarious and complex problems of Foreign Affairs and political dealings presented by this vast field, which stretches from Turkish Arabia and Persia on the West, to the confines of the Chinese Empire on the East, from the Pamirs on the North to Mysore on the South. However efficient the staff may be, is it entirely adequate ? Surely the Department of Foreign Affairs, external and internal, is important and

tended, is it the most conducive to the public interest. A reform in the existing machinery of the administration with a view to relieve the Viceroy of the growing burden of work in the Foreign Department and entrust it to a separate Member of Council, was urged by Mr. C. E. Bunbury, C. S. I. in the *Contemporary Review* for February, 1913. The writer observed :—"The burden of social functions and public business devolving upon the Viceroy of India tends to increase year by year, with the result that he has less and less time available to devote to the affairs of the department which is supposed to be his especial charge. The consequence is that the disposal of business must be left more and more in the hands of the Secretary, and the time has now arrived for the introduction of a further reform in the administrative machinery by the creation of a Member of Council in charge of the Foreign-Political Department." The writer then goes on to describe the heavy work that falls to the share of the Foreign Department in connection with Turkish Arabia, Persia and the Persian Gulf, Muscat, Baluchistan, the North-West Frontier Province, Afghanistan and the larger of the Indian Native States, and sets forth the machinery provided at the headquarters of the Government of India to deal with questions appertaining to the Foreign-Political Department. 'Apart from non-gazetted officials and clerks the staff of the Foreign Office consists of one Secretary, two Deputy Secretaries, one Under Secretary and one Assistant Secretary. That is the sum total of the agency provided at head-quarters to help the Viceroy in elucidating and deciding the multifarious and complex problems of Foreign Affairs and political dealings presented by this vast field, which stretches from Turkish Arabia and Persia on the West, to the confines of the Chinese Empire on the East, from the Pamirs on the North to Mysore on the South. However efficient the staff may be, is it entirely adequate ? Surely the Department of Foreign Affairs, external and internal, is important and

responsible enough to justify the appointment of a special Member of Council to take charge of it. This "*Onus*" should not be laid on the shoulders of the Viceroy, as if it were "a mere detail of his duties". With all this vigorous advocacy it can hardly be said that a case has been made out for the creation of a seventh member of the Viceregal Council. If the work of the Foreign Department has increased, the staff may be strengthened by suitable additions. But the work which the department is called upon to perform involves the discussion of very delicate questions relating to foreign policy which the Viceroy alone is calculated to deal with. He is usually a statesman of wide experience and distinguished services and is always in direct touch with the Secretary of State and the Cabinet at home. Indian foreign policy must naturally be governed by larger considerations of Imperial interests and relations, and it can not, without inconvenience and disadvantage, be left to a Member of Council. Similarly the larger Native States with whom the Foreign Department has direct relations often present very delicate problems. The great Indian Princes, the allies of the Empire, look up to the Viceroy, the representative of the King-Emperor in India for just and sympathetic consideration of their affairs which fall within the purview of the Foreign-Political Department. They are most unlikely to approve of the change proposed by Mr. Bunbury, under which they will have to deal not with the representative of the King-Emperor but a member of the Indian Civil or Military Service. The position they would come to occupy may appear to them undignified and is one they would hardly look upon with favour. The addition to the Executive Council of the Viceroy of a Foreign Member being thus out of the question, another suggestion in connection with the Political Department may here be referred to. It has been suggested that the machinery of that department may be strengthened by the appointment of a distinguished Indian of wide experience

responsible enough to justify the appointment of a special Member of Council to take charge of it. This "*Onus*" should not be laid on the shoulders of the Viceroy, as if it were "a mere detail of his duties". With all this vigorous advocacy it can hardly be said that a case has been made out for the creation of a seventh member of the Viceregal Council. If the work of the Foreign Department has increased, the staff may be strengthened by suitable additions. But the work which the department is called upon to perform involves the discussion of very delicate questions relating to foreign policy which the Viceroy alone is calculated to deal with. He is usually a statesman of wide experience and distinguished services and is always in direct touch with the Secretary of State and the Cabinet at home. Indian foreign policy must naturally be governed by larger considerations of Imperial interests and relations, and it can not, without inconvenience and disadvantage, be left to a Member of Council. Similarly the larger Native States with whom the Foreign Department has direct relations often present very delicate problems. The great Indian Princes, the allies of the Empire, look up to the Viceroy, the representative of the King-Emperor in India for just and sympathetic consideration of their affairs which fall within the purview of the Foreign-Political Department. They are most unlikely to approve of the change proposed by Mr. Bunbury, under which they will have to deal not with the representative of the King-Emperor but a member of the Indian Civil or Military Service. The position they would come to occupy may appear to them undignified and is one they would hardly look upon with favour. The addition to the Executive Council of the Viceroy of a Foreign Member being thus out of the question, another suggestion in connection with the Political Department may here be referred to. It has been suggested that the machinery of that department may be strengthened by the appointment of a distinguished Indian of wide experience

the first of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a limitation of the study, as it may not be representative of the wider international community. The second limitation is that the survey was conducted in 2001, and the landscape of digital libraries has changed significantly since then. The third limitation is that the survey was a self-reported questionnaire, and therefore the responses may be biased. Despite these limitations, the study provides a valuable snapshot of the state of digital libraries in 2001. The findings of the study suggest that digital libraries are still in the early stages of development, and that there is a need for further research and development in this area. The study also highlights the importance of user involvement in the development of digital libraries, and the need for a clear vision and strategy for their development. The study concludes that digital libraries have the potential to revolutionise the way we access and use information, but that this potential can only be realised if we continue to invest in their development and use them in a way that is consistent with their purpose.

of Native States as Joint Secretary in the Foreign-Political Department. This officer will, it is said, be best fitted to handle questions relating to Indian States as he will have a better insight into their affairs and will enter into the feelings and sentiments of the Princes. While he will discharge the duties of his office efficiently, he will bring his intimate knowledge and deep sympathies to bear upon his work.

NOTE.

FUNCTIONS OF THE GOVERNMENT OF INDIA.

The functions of the Government of India have been thus described in the Report of the Royal Commission upon Decentralization in India :—

The Government claims a share in the produce of the land ; and save where (as in Bengal), it has commuted this into a fixed land tax, it exercises the right of periodical re-assessment of the cash value of its share. In connection with its revenue assessments, it has instituted a detailed cadastral survey and a record of rights in the land. Where its assessments are made upon large land-holders, it intervenes to prevent their levying excessive rents from their tenants ; and in the Central Provinces it even takes an active share in the original assessment of land-lords' rents. In the Punjab, and some other tracts, it has restricted the alienation of land by agriculturists to non-agriculturists. It undertakes the management of landed estates when the proprietor is disqualified from attending to them by age, sex or infirmity, or, occasionally, by pecuniary embarrass-

of Native States as Joint Secretary in the Foreign-Political Department. This officer will, it is said, be best fitted to handle questions relating to Indian States as he will have a better insight into their affairs and will enter into the feelings and sentiments of the Princes. While he will discharge the duties of his office efficiently, he will bring his intimate knowledge and deep sympathies to bear upon his work.

NOTE.

FUNCTIONS OF THE GOVERNMENT OF INDIA.

The functions of the Government of India have been thus described in the Report of the Royal Commission upon Decentralization in India :—

The Government claims a share in the produce of the land ; and save where (as in Bengal), it has commuted this into a fixed land tax, it exercises the right of periodical re-assessment of the cash value of its share. In connection with its revenue assessments, it has instituted a detailed cadastral survey and a record of rights in the land. Where its assessments are made upon large land-holders, it intervenes to prevent their levying excessive rents from their tenants ; and in the Central Provinces it even takes an active share in the original assessment of land-lords' rents. In the Punjab, and some other tracts, it has restricted the alienation of land by agriculturists to non-agriculturists. It undertakes the management of landed estates when the proprietor is disqualified from attending to them by age, sex or infirmity, or, occasionally, by pecuniary embarrass-

ment. In times of famine it undertakes relief works and other remedial measures upon an extensive scale. It manages a vast forest property, and is a large manufacturer of salt and opium. It owns the bulk of the railways of the country and directly manages a considerable portion of them; and it has constructed and maintains most of the important irrigation works. It owns and manages the postal and telegraph systems. It has the monopoly of note issue, and it alone can set the mints in motion. It acts, for the most part, as its own banker, and it occasionally makes temporary loans to Presidency Banks in times of financial stringency. With the co-operation of the Secretary of State it regulates the discharge of the balance of trade as between India and the outside world, through the action of the India Council's drawings. It lends money to municipalities, rural boards and agriculturists and occasionally to owners of historical estates. It exercises a strict control over the sale of liquor and intoxicating drugs, not merely by the prevention of unlicensed sale, but by granting licenses for short periods only, and subject to certain fees which are usually determined by auction. In India, moreover, the direct responsibilities of Government in respect to police, education, medical and sanitary operations, and ordinary public works, are of a much wider scope than in the United Kingdom. The Government has further very intimate relations with the numerous Native States which collectively cover more than one-third of the whole area of India, and comprise more than one-fifth of its population. Apart from the special functions narrated above, the government of a sub-continent containing nearly 18,00,000 square miles and 30,00,00,000 people is in itself an extremely heavy burden, and one which is constantly increasing with the economic development of the country and the growing needs of populations of diverse nationality, language and creed.

[illegible]

ment. In times of famine it undertakes relief works and other remedial measures upon an extensive scale. It manages a vast forest property, and is a large manufacturer of salt and opium. It owns the bulk of the railways of the country and directly manages a considerable portion of them; and it has constructed and maintains most of the important irrigation works. It owns and manages the postal and telegraph systems. It has the monopoly of note issue, and it alone can set the mints in motion. It acts, for the most part, as its own banker, and it occasionally makes temporary loans to Presidency Banks in times of financial stringency. With the co-operation of the Secretary of State it regulates the discharge of the balance of trade as between India and the outside world, through the action of the India Council's drawings. It lends money to municipalities, rural boards and agriculturists and occasionally to owners of historical estates. It exercises a strict control over the sale of liquor and intoxicating drugs, not merely by the prevention of unlicensed sale, but by granting licenses for short periods only, and subject to certain fees which are usually determined by auction. In India, moreover, the direct responsibilities of Government in respect to police, education, medical and sanitary operations, and ordinary public works, are of a much wider scope than in the United Kingdom. The Government has further very intimate relations with the numerous Native States which collectively cover more than one-third of the whole area of India, and comprise more than one-fifth of its population. Apart from the special functions narrated above, the government of a sub-continent containing nearly 18,00,000 square miles and 30,00,00,000 people is in itself an extremely heavy burden, and one which is constantly increasing with the economic development of the country and the growing needs of populations of diverse nationality, language and creed.

CHAPTER III.

THE HOME GOVERNMENT.

IT need not be repeated that the sovereignty of the British Crown in India is exercised through the Secretary of State for India who inherits, subject to the rights of the India Council and the powers reserved to itself by Parliament all the powers and functions possessed and performed by the Board of Control and the East India Company before the transfer of the Government of India to the Crown, and that the Secretary of State who is a member of the British Cabinet, is responsible to, and represents the supreme authority of Parliament. The Secretary of State may, subject to certain reservations, 'superintend, direct and control all acts, operations and concerns which in any wise relate to or concern the Government or revenues of India, and all grants of salaries, gratuities and allowances and all other payments and charges whatever, out of or on the revenues of India'. The statutory position of the Secretary of State on the one side and that of the Government of India, on the other, are thus clear as also their mutual relations. But great controversies have raged round the question in the past and a wide divergence of opinion upon the subject exists even to-day. It is supposed that the intention of the legislature has always been to invest the Government of India with large powers, that that Government is to have the right of initiative and that the Secretary of State representing Parliament is to be a check upon the Indian administration. But in 1870 the Duke of Argyll, the then Secretary of State, laid down the principle in explicit terms

THEORY

Introduction

THEORY OF THE EARTH

The Earth is a sphere of diameter 12,756 km. It is composed of various layers. The outermost layer is the crust, which is about 5 km thick. Below the crust is the mantle, which is about 2,900 km thick. The innermost layer is the core, which is about 1,220 km thick.



CHAPTER III.

THE HOME GOVERNMENT.

IT need not be repeated that the sovereignty of the British Crown in India is exercised through the Secretary of State for India who inherits, subject to the rights of the India Council and the powers reserved to itself by Parliament all the powers and functions possessed and performed by the Board of Control and the East India Company before the transfer of the Government of India to the Crown, and that the Secretary of State who is a member of the British Cabinet, is responsible to, and represents the supreme authority of Parliament. The Secretary of State may, subject to certain reservations, 'superintend, direct and control all acts, operations and concerns which in any wise relate to or concern the Government or revenues of India, and all grants of salaries, gratuities and allowances and all other payments and charges whatever, out of or on the revenues of India'. The statutory position of the Secretary of State on the one side and that of the Government of India, on the other, are thus clear as also their mutual relations. But great controversies have raged round the question in the past and a wide divergence of opinion upon the subject exists even to-day. It is supposed that the intention of the legislature has always been to invest the Government of India with large powers, that that Government is to have the right of initiative and that the Secretary of State representing Parliament is to be a check upon the Indian administration. But in 1870 the Duke of Argyll, the then Secretary of State, laid down the principle in explicit terms

that the Government in India had no independent power at all and that the prerogative of the Secretary of State was not limited to a veto of the measures passed in India. He maintained that the Government in India were merely executive officers of the Home Government who held the ultimate power of requiring the Governor General to introduce a measure and of requiring also all the official members of the Council to vote for it. So far as the statutory provisions are concerned, the position at the present moment remains unchanged, however inconvenient or unsuited to recent altered conditions it may be. It is vehemently pleaded that the Secretary of State has been tightening his hold upon the Government in India and his interference is as unnecessary as it is embarrassing to those on whose shoulders the responsibility of administration is directly thrown. In spite of the improvements in the means of communication between England and India brought about during the past few years and the ease with which a knowledge of Indian affairs can be attained by the authorities in England, it must always be impossible for the latter to secure that grasp of Indian questions which men on the spot naturally possess. Public opinion in India is every day becoming more intelligent and insistent and since the introduction of the recent Council reforms, the position of Government, which is expected to look up to the Secretary of State in each and every matter and to carry out his behests in everything, cannot but be very difficult. More independence is, therefore, claimed for the Government of India which is becoming more responsible to the people of this country and more subject to public criticism offered in the most legitimate and constitutional way. There is much force in these arguments, and the machinery in England and India which carries on the administration of this country requires to be altered so as to suit the tremendous changes that are occurring in this country. That the Secretary of State who is a British politician with hardly any Indian experience

that the Government in India had no independent power at all and that the prerogative of the Secretary of State was not limited to a veto of the measures passed in India. He maintained that the Government in India were merely executive officers of the Home Government who held the ultimate power of requiring the Governor General to introduce a measure and of requiring also all the official members of the Council to vote for it. So far as the statutory provisions are concerned, the position at the present moment remains unchanged, however inconvenient or unsuited to recent altered conditions it may be. It is vehemently pleaded that the Secretary of State has been tightening his hold upon the Government in India and his interference is as unnecessary as it is embarrassing to those on whose shoulders the responsibility of administration is directly thrown. In spite of the improvements in the means of communication between England and India brought about during the past few years and the ease with which a knowledge of Indian affairs can be attained by the authorities in England, it must always be impossible for the latter to secure that grasp of Indian questions which men on the spot naturally possess. Public opinion in India is every day becoming more intelligent and insistent and since the introduction of the recent Council reforms, the position of Government, which is expected to look up to the Secretary of State in each and every matter and to carry out his behests in everything, cannot but be very difficult. More independence is, therefore, claimed for the Government of India which is becoming more responsible to the people of this country and more subject to public criticism offered in the most legitimate and constitutional way. There is much force in these arguments, and the machinery in England and India which carries on the administration of this country requires to be altered so as to suit the tremendous changes that are occurring in this country. That the Secretary of State who is a British politician with hardly any Indian experience

and even the members of his Council, many of whom are retired Anglo-Indian officials, should not be in intimate touch with the trend of events and of public opinion in India, must be acknowledged. It is therefore but fair that considerable weight ought to be given to the views of the men on the spot who have to bear the burden of the actual administration. The Secretary of State is known to have set his face against certain measures and policy unanimously approved by the people and the Local and Supreme Governments in India. This is certainly not a very desirable state of things and some improvement is urgently needed.

One consideration that must, however, be borne in mind in discussing this question is that public opinion in India, in spite of the Council reforms, can yet have little influence upon the attitude that Government here may take up or the general policy they feel inclined to lay down upon important questions. Many illustrations can be given to show the powerlessness of public opinion to affect the views and decisions of Government, which, in several cases, may not and does not reflect the views of the Indian people. Under the circumstances, the fresh and liberal mind that the Secretary of State, who is a trained politician, born and brought up among the British traditions and institutions of liberty, is calculated to bring to bear upon the problems coming up before him is invaluable to the progress of this country. If he lacks that close grasp of affairs which is the *forte* of the man on the spot, he possesses something equally important which the latter can never have, *viz.* an open mind, a wide out-look and liberal tendencies. If the existing system has certain drawbacks, it has some advantages also in the present posture of affairs. The whole issue was raised by Mr.(Now Sir) Valentine Chirol in the articles* he published

* Indian Unrest by Sir V. Chirol.

and even the members of his Council, many of whom are retired Anglo-Indian officials, should not be in intimate touch with the trend of events and of public opinion in India, must be acknowledged. It is therefore but fair that considerable weight ought to be given to the views of the men on the spot who have to bear the burden of the actual administration. The Secretary of State is known to have set his face against certain measures and policy unanimously approved by the people and the Local and Supreme Governments in India. This is certainly not a very desirable state of things and some improvement is urgently needed.

One consideration that must, however, be borne in mind in discussing this question is that public opinion in India, in spite of the Council reforms, can yet have little influence upon the attitude that Government here may take up or the general policy they feel inclined to lay down upon important questions. Many illustrations can be given to show the powerlessness of public opinion to affect the views and decisions of Government, which, in several cases, may not and does not reflect the views of the Indian people. Under the circumstances, the fresh and liberal mind that the Secretary of State, who is a trained politician, born and brought up among the British traditions and institutions of liberty, is calculated to bring to bear upon the problems coming up before him is invaluable to the progress of this country. If he lacks that close grasp of affairs which is the *forte* of the man on the spot, he possesses something equally important which the latter can never have, *viz.* an open mind, a wide out-look and liberal tendencies. If the existing system has certain drawbacks, it has some advantages also in the present posture of affairs. The whole issue was raised by Mr.(Now Sir) Valentine Chirol in the articles* he published

* Indian Unrest by Sir V. Chirol.

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making sure that it is followed. The fifth step is to evaluate the results. This involves checking to see if the problem has been solved and if the plan was effective.



on India in the London Times four years ago. He gave expression to the feelings of certain critics of the Secretary of State who, according to them, has made himself an autocrat and reduced the Indian Viceroy to the position of a mere agent of his, only doing his bidding in this country. Lord Morley who was then the Secretary of State felt called upon, in self-defence, to make a clear statement about the real situation, and in the *Nineteenth Century and After* of February 1911 he wrote an article entitled 'British Democracy and Indian Government' in which he discussed the cardinal question of the relation between the Secretary of State and the Governor General-in-Council. There had long been, he remarked, both in India and England, much loose, inaccurate and ill-informed argument on this important matter. The controversy came into full blaze in 1905, when, as Mr. Chirol had put it, the Viceroy of the day felt himself compelled to resign because he was overruled by the Home Government. The Viceroy had been described by the Under Secretary of State in the House of Commons,—and here he was of course echoing the sentiments of his Chief—as the agent of the Secretary of State. This position Lord Morley vindicated by maintaining that the British Cabinet, through the Secretary of State, had an inextinguishable right, subject to law, to dictate policy, to initiate instructions, to reject proposals, to have the last word in every question that arises and the first word in every question that, in their view, ought to arise. If the Cabinet is responsible to Parliament and Parliament ultimately responsible for the good governance of this country, it seems to follow that the Secretary of State must have the powers that are claimed for him. These powers are clearly and positively embodied in a number of statutes bearing on the constitution and the administration of India. Though the direct and personal representative of the King-Emperor, the Viceroy is still the servant of the Secretary of State, who, according to the statute, has the power of giving

on India in the London Times four years ago. He gave expression to the feelings of certain critics of the Secretary of State who, according to them, has made himself an autocrat and reduced the Indian Viceroy to the position of a mere agent of his, only doing his bidding in this country. Lord Morley who was then the Secretary of State felt called upon, in self-defence, to make a clear statement about the real situation, and in the *Nineteenth Century and After* of February 1911 he wrote an article entitled 'British Democracy and Indian Government' in which he discussed the cardinal question of the relation between the Secretary of State and the Governor General-in-Council. There had long been, he remarked, both in India and England, much loose, inaccurate and ill-informed argument on this important matter. The controversy came into full blaze in 1905, when, as Mr. Chirol had put it, the Viceroy of the day felt himself compelled to resign because he was overruled by the Home Government. The Viceroy had been described by the Under Secretary of State in the House of Commons,—and here he was of course echoing the sentiments of his Chief—as the agent of the Secretary of State. This position Lord Morley vindicated by maintaining that the British Cabinet, through the Secretary of State, had an inextinguishable right, subject to law, to dictate policy, to initiate instructions, to reject proposals, to have the last word in every question that arises and the first word in every question that, in their view, ought to arise. If the Cabinet is responsible to Parliament and Parliament ultimately responsible for the good governance of this country, it seems to follow that the Secretary of State must have the powers that are claimed for him. These powers are clearly and positively embodied in a number of statutes bearing on the constitution and the administration of India. Though the direct and personal representative of the King-Emperor, the Viceroy is still the servant of the Secretary of State, who, according to the statute, has the power of giving

orders to every officer in India, including the Governor General. As has been said above, being thousands of miles away from this country, the Secretary of State is often liable to commit errors of judgment, and the view of the man on the spot cannot be lightly set aside. In his article in the *Nineteenth Century* Lord Morley showed that he did not ignore this aspect of the question and stated that a clash between the two authorities should never arise, and in fact, very rarely had arisen. "The only security that can be found for the smooth working of what is undeniably an extremely delicate piece of machinery, must be sought in the right judgment of the two partners." Though the Secretary of State is the predominant partner, with their common feeling of responsibility, patience and mutual regard, and concord in fundamentals, everything would go on smoothly.

Sir John Strachey, who was himself a member of the Government of India for nearly nine years, under five Viceroy and afterwards a member for ten years of the Council of the Secretary of State, and who, therefore, feels himself entitled to speak with authority on this subject, is of opinion* that it is an error to suppose that the Secretary of State is constantly interfering in the ordinary work of the administration though various causes have made the relations between the two countries far more intimate than was formerly necessary or possible and have made more frequent the cases in which final orders cannot be passed in India. Apart from the great political or financial questions, the number and nature of the references to the Home authorities, mainly depend on the character of the Governor General for the time being, and under normal conditions the Government of India is practically independent. Sir John

* India, its Administration and Progress by Sir John Strachey.

orders to every officer in India, including the Governor General. As has been said above, being thousands of miles away from this country, the Secretary of State is often liable to commit errors of judgment, and the view of the man on the spot cannot be lightly set aside. In his article in the *Nineteenth Century* Lord Morley showed that he did not ignore this aspect of the question and stated that a clash between the two authorities should never arise, and in fact, very rarely had arisen. "The only security that can be found for the smooth working of what is undeniably an extremely delicate piece of machinery, must be sought in the right judgment of the two partners." Though the Secretary of State is the predominant partner, with their common feeling of responsibility, patience and mutual regard, and concord in fundamentals, everything would go on smoothly.

Sir John Strachey, who was himself a member of the Government of India for nearly nine years, under five Viceroy and afterwards a member for ten years of the Council of the Secretary of State, and who, therefore, feels himself entitled to speak with authority on this subject, is of opinion* that it is an error to suppose that the Secretary of State is constantly interfering in the ordinary work of the administration though various causes have made the relations between the two countries far more intimate than was formerly necessary or possible and have made more frequent the cases in which final orders cannot be passed in India. Apart from the great political or financial questions, the number and nature of the references to the Home authorities, mainly depend on the character of the Governor General for the time being, and under normal conditions the Government of India is practically independent. Sir John

* India, its Administration and Progress by Sir John Strachey.

The American Medical Association is a national organization of physicians and surgeons, organized for the purpose of promoting the interests of the medical profession and the public. It is a non-profit corporation, organized under the laws of the United States, and is the largest and most influential of the medical organizations in this country. The Association is composed of more than 50,000 members, who are organized into local, state, and national societies. The Association is organized into several departments, each of which is responsible for a specific function. The departments are: the Department of Education, the Department of Legislation, the Department of Public Health, the Department of Research, and the Department of Service. The Association is also organized into several committees, each of which is responsible for a specific function. The committees are: the Committee on Medical Education, the Committee on Medical Legislation, the Committee on Medical Research, the Committee on Medical Service, and the Committee on Medical Ethics. The Association is also organized into several divisions, each of which is responsible for a specific function. The divisions are: the Division of Medical Education, the Division of Medical Legislation, the Division of Medical Research, the Division of Medical Service, and the Division of Medical Ethics. The Association is also organized into several sections, each of which is responsible for a specific function. The sections are: the Section of Medical Education, the Section of Medical Legislation, the Section of Medical Research, the Section of Medical Service, and the Section of Medical Ethics. The Association is also organized into several divisions, each of which is responsible for a specific function. The divisions are: the Division of Medical Education, the Division of Medical Legislation, the Division of Medical Research, the Division of Medical Service, and the Division of Medical Ethics. The Association is also organized into several sections, each of which is responsible for a specific function. The sections are: the Section of Medical Education, the Section of Medical Legislation, the Section of Medical Research, the Section of Medical Service, and the Section of Medical Ethics.

The American Medical Association is a national organization of physicians and surgeons, organized for the purpose of promoting the interests of the medical profession and the public. It is a non-profit corporation, organized under the laws of the United States, and is the largest and most influential of the medical organizations in this country. The Association is composed of more than 50,000 members, who are organized into local, state, and national societies. The Association is organized into several departments, each of which is responsible for a specific function. The departments are: the Department of Education, the Department of Legislation, the Department of Public Health, the Department of Research, and the Department of Service. The Association is also organized into several committees, each of which is responsible for a specific function. The committees are: the Committee on Medical Education, the Committee on Medical Legislation, the Committee on Medical Research, the Committee on Medical Service, and the Committee on Medical Ethics. The Association is also organized into several divisions, each of which is responsible for a specific function. The divisions are: the Division of Medical Education, the Division of Medical Legislation, the Division of Medical Research, the Division of Medical Service, and the Division of Medical Ethics. The Association is also organized into several sections, each of which is responsible for a specific function. The sections are: the Section of Medical Education, the Section of Medical Legislation, the Section of Medical Research, the Section of Medical Service, and the Section of Medical Ethics. The Association is also organized into several divisions, each of which is responsible for a specific function. The divisions are: the Division of Medical Education, the Division of Medical Legislation, the Division of Medical Research, the Division of Medical Service, and the Division of Medical Ethics. The Association is also organized into several sections, each of which is responsible for a specific function. The sections are: the Section of Medical Education, the Section of Medical Legislation, the Section of Medical Research, the Section of Medical Service, and the Section of Medical Ethics.

is, however, constrained to admit that a body constituted like the Home Government of India is slow to move and sometimes obstructive and that its general policy has been conservative and cautious. But he feels that the restraint from Home is salutary inasmuch as it serves to moderate the zeal of the Government of India, who, in their anxiety for improvement, are sometimes more aggressive than is politically prudent. With this question of the relative powers of the Secretary of State and the Governor General is bound up another equally important, that connected with the responsibility of the Home Government to the British Parliament and the control of the latter upon the government and administration of this country generally. So far as mere theory goes, the Government of India is, through the Crown, subject to the control of the British people, exercised by the House of Commons. In practice, however, India is governed, as it were, independently of the will of the people in Great Britain who evince little interest in the affairs of this country and do not feel called upon to exercise their indisputable right. Annually the Indian budget is presented to Parliament and passed as a matter of course by an attenuated and languid House of Commons. The occasion is usually availed of to make a statement about the condition of India and to pass criticisms upon the policy and measures of Government. Whether Indian questions should be made party questions is a debatable point, but great anxiety is displayed to keep them out of the arena of British politics. One effect of this is that Indian affairs do not undergo that scrutiny in Parliament which is calculated to have wholesome effects upon Indian administration, and Parliamentary control over the Government of this country remains only nominal. Questions are sometimes asked in Parliament which throw a much-needed light upon certain Indian problems and the Government are put upon their defence. It is only in this indirect

The first of these is the fact that the human race is not a homogeneous mass, but is divided into many different groups, each with its own characteristics. These groups are known as races, and they are distinguished from one another by their physical and mental qualities. The second fact is that the human race is not stationary, but is constantly changing. This change is due to the influence of the environment, and it is the result of the process of evolution. The third fact is that the human race is not a single entity, but is composed of many different individuals. Each individual has its own unique characteristics, and it is the sum of these characteristics that makes up the human race. The fourth fact is that the human race is not a static entity, but is constantly evolving. This evolution is the result of the process of natural selection, and it is the result of the struggle for existence. The fifth fact is that the human race is not a single entity, but is composed of many different individuals. Each individual has its own unique characteristics, and it is the sum of these characteristics that makes up the human race. The sixth fact is that the human race is not a static entity, but is constantly evolving. This evolution is the result of the process of natural selection, and it is the result of the struggle for existence. The seventh fact is that the human race is not a single entity, but is composed of many different individuals. Each individual has its own unique characteristics, and it is the sum of these characteristics that makes up the human race. The eighth fact is that the human race is not a static entity, but is constantly evolving. This evolution is the result of the process of natural selection, and it is the result of the struggle for existence. The ninth fact is that the human race is not a single entity, but is composed of many different individuals. Each individual has its own unique characteristics, and it is the sum of these characteristics that makes up the human race. The tenth fact is that the human race is not a static entity, but is constantly evolving. This evolution is the result of the process of natural selection, and it is the result of the struggle for existence.

is, however, constrained to admit that a body constituted like the Home Government of India is slow to move and sometimes obstructive and that its general policy has been conservative and cautious. But he feels that the restraint from Home is salutary inasmuch as it serves to moderate the zeal of the Government of India, who, in their anxiety for improvement, are sometimes more aggressive than is politically prudent. With this question of the relative powers of the Secretary of State and the Governor General is bound up another equally important, that connected with the responsibility of the Home Government to the British Parliament and the control of the latter upon the government and administration of this country generally. So far as mere theory goes, the Government of India is, through the Crown, subject to the control of the British people, exercised by the House of Commons. In practice, however, India is governed, as it were, independently of the will of the people in Great Britain who evince little interest in the affairs of this country and do not feel called upon to exercise their indisputable right. Annually the Indian budget is presented to Parliament and passed as a matter of course by an attenuated and languid House of Commons. The occasion is usually availed of to make a statement about the condition of India and to pass criticisms upon the policy and measures of Government. Whether Indian questions should be made party questions is a debatable point, but great anxiety is displayed to keep them out of the arena of British politics. One effect of this is that Indian affairs do not undergo that scrutiny in Parliament which is calculated to have wholesome effects upon Indian administration, and Parliamentary control over the Government of this country remains only nominal. Questions are sometimes asked in Parliament which throw a much-needed light upon certain Indian problems and the Government are put upon their defence. It is only in this indirect

manner that pressure may be brought to bear upon the Government at Home and in this country. Unlike that of the other members of the British Cabinet, the Secretary of State's salary is paid out of the Indian revenues. In voting supplies for the various services the House of Commons gets an opportunity to criticise the administration but none such is available with respect to the India Office. The proposal to place the Secretary of State for India's salary on the British estimates often made in Parliament and outside, has been stoutly opposed mainly on the ground that Indian affairs ought to be kept out of the pale of party politics in England. While on the one hand a more vigorous supervision and control over the administration of this country on the part of the British Parliament is advocated as essential in the interest of the better government of India, on the other hand, this interference by a body the great majority of whose members are ignorant of conditions Indian, is resented as seriously injurious. If however, the authority of Parliament and responsibility of the Government to the people of Great Britain is to be anything but nominal, there is no escape from what is considered as the interference of the House of Commons. If there are instances in which Parliamentary interference has appeared to be harmful, there are instances likewise on the other side in which it has had beneficial effects.

It is unnecessary in this place to give any detailed account of the early career and constitution of the East India Company which was ushered into existence by the grant of its first charter by Queen Elizabeth on the last day of the year 1600. It was essentially a commercial body, 'a company of merchants of London trading with the East Indies', on which important trading privileges were conferred. The Company cannot have dreamt of territorial sovereignty in India when it started on its career but it

manner that pressure may be brought to bear upon the Government at Home and in this country. Unlike that of the other members of the British Cabinet, the Secretary of State's salary is paid out of the Indian revenues. In voting supplies for the various services the House of Commons gets an opportunity to criticise the administration but none such is available with respect to the India Office. The proposal to place the Secretary of State for India's salary on the British estimates often made in Parliament and outside, has been stoutly opposed mainly on the ground that Indian affairs ought to be kept out of the pale of party politics in England. While on the one hand a more vigorous supervision and control over the administration of this country on the part of the British Parliament is advocated as essential in the interest of the better government of India, on the other hand, this interference by a body the great majority of whose members are ignorant of conditions Indian, is resented as seriously injurious. If however, the authority of Parliament and responsibility of the Government to the people of Great Britain is to be anything but nominal, there is no escape from what is considered as the interference of the House of Commons. If there are instances in which Parliamentary interference has appeared to be harmful, there are instances likewise on the other side in which it has had beneficial effects.

It is unnecessary in this place to give any detailed account of the early career and constitution of the East India Company which was ushered into existence by the grant of its first charter by Queen Elizabeth on the last day of the year 1600. It was essentially a commercial body, 'a company of merchants of London trading with the East Indies', on which important trading privileges were conferred. The Company cannot have dreamt of territorial sovereignty in India when it started on its career but it



THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
 PUBLISHED WEEKLY
 535 N. Dearborn St., Chicago 10, Ill.
 Second-class postage paid at Chicago, Ill.
 POSTMASTER: Send address changes to JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 535 N. Dearborn St., Chicago 10, Ill.
 Subscription prices: Single copies, 15¢; 12 issues, \$1.50; 24 issues, \$2.85; 48 issues, \$5.25; 96 issues, \$9.75. Advance payment in full is required.
 Entered as Second-class Matter, October 3, 1917, Postoffice at Chicago, Ill., under special permission of Postoffice Department. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized on July 1, 1934.
 Copyright, 1935, by American Medical Association

became practically sovereign of Bengal, Behar and Orissa by the acquisition of the right of *Dewani* in 1765. This power, so inconsistent with the character of a trading corporation, gradually extended and developed but the Company had to share it with the British Crown and part with its commercial monopoly, ultimately losing both in 1858. Parliament made its first attempt to control the Indian Government of the Company by passing the Regulating Act in 1773. Its charters were renewed from time to time and modifications were made in its constitution to suit the changing conditions. The supreme management was in the hands of a Court of Directors and a Court of Proprietors. The qualification for a member of the former was the possession of £ 2,000 stock and in the latter case of £ 500 stock. There were twenty-four directors and they were re-elected every year. This constitution was not affected by the Regulating Act which vested the administration of India in a Governor General and a Council in Bengal. Pitt's Act of 1784, however, made an important change in the constitution of the Company by establishing the Board of Control, otherwise called the Commissioners for the Affairs of India. The Board was to consist of the Chancellor of the Exchequer, one of the Secretaries of State and four other Privy Councillors, all six holding office during the pleasure of the Crown. Three of them constituted a quorum. Full powers were conferred upon the Board which was authorised to "superintend, direct and control all acts, operations and concerns which in any wise relate to the civil or military Government or revenues of British territorial possessions in the East Indies". The Board practically became the master of the Company and could dictate to the Directors in each and every matter concerning the civil and military government and revenues of India, patronage alone being left unfettered in the hands of the Directors. The Act of 1784 provided that a committee of secrecy, consisting of not more than three members,



The first of these is the fact that the American Medical Association is not a single entity, but a collection of many different groups. These groups are the American Medical Association, the American College of Surgeons, the American Association of Colleges of Surgeons, the American Association of Obstetricians and Gynecologists, the American Association of Physicians and Surgeons, the American Association of Medical Students, the American Association of Medical Teachers, the American Association of Medical Researchers, the American Association of Medical Writers, the American Association of Medical Editors, the American Association of Medical Illustrators, the American Association of Medical Photographers, the American Association of Medical Artists, the American Association of Medical Designers, the American Association of Medical Engineers, the American Association of Medical Technicians, the American Association of Medical Scientists, the American Association of Medical Administrators, the American Association of Medical Managers, the American Association of Medical Executives, the American Association of Medical Professionals, the American Association of Medical Leaders, the American Association of Medical Visionaries, the American Association of Medical Innovators, the American Association of Medical Pioneers, the American Association of Medical Trailblazers, the American Association of Medical Visionaries, the American Association of Medical Innovators, the American Association of Medical Pioneers, the American Association of Medical Trailblazers.

The second of these is the fact that the American Medical Association is not a single entity, but a collection of many different groups. These groups are the American Medical Association, the American College of Surgeons, the American Association of Colleges of Surgeons, the American Association of Obstetricians and Gynecologists, the American Association of Physicians and Surgeons, the American Association of Medical Students, the American Association of Medical Teachers, the American Association of Medical Researchers, the American Association of Medical Writers, the American Association of Medical Editors, the American Association of Medical Illustrators, the American Association of Medical Photographers, the American Association of Medical Artists, the American Association of Medical Designers, the American Association of Medical Engineers, the American Association of Medical Technicians, the American Association of Medical Scientists, the American Association of Medical Administrators, the American Association of Medical Managers, the American Association of Medical Executives, the American Association of Medical Professionals, the American Association of Medical Leaders, the American Association of Medical Visionaries, the American Association of Medical Innovators, the American Association of Medical Pioneers, the American Association of Medical Trailblazers.

became practically sovereign of Bengal, Behar and Orissa by the acquisition of the right of *Dewani* in 1765. This power, so inconsistent with the character of a trading corporation, gradually extended and developed but the Company had to share it with the British Crown and part with its commercial monopoly, ultimately losing both in 1858. Parliament made its first attempt to control the Indian Government of the Company by passing the Regulating Act in 1773. Its charters were renewed from time to time and modifications were made in its constitution to suit the changing conditions. The supreme management was in the hands of a Court of Directors and a Court of Proprietors. The qualification for a member of the former was the possession of £ 2,000 stock and in the latter case of £ 500 stock. There were twenty-four directors and they were re-elected every year. This constitution was not affected by the Regulating Act which vested the administration of India in a Governor General and a Council in Bengal. Pitt's Act of 1784, however, made an important change in the constitution of the Company by establishing the Board of Control, otherwise called the Commissioners for the Affairs of India. The Board was to consist of the Chancellor of the Exchequer, one of the Secretaries of State and four other Privy Councillors, all six holding office during the pleasure of the Crown. Three of them constituted a quorum. Full powers were conferred upon the Board which was authorised to "superintend, direct and control all acts, operations and concerns which in any wise relate to the civil or military Government or revenues of British territorial possessions in the East Indies". The Board practically became the master of the Company and could dictate to the Directors in each and every matter concerning the civil and military government and revenues of India, patronage alone being left unfettered in the hands of the Directors. The Act of 1784 provided that a committee of secrecy, consisting of not more than three members,

should be formed out of the Directors and this committee was to dispatch orders to India without the knowledge of the other Directors whenever the Board of Control thought that the orders required secrecy. The actions and resolutions of the Court of Directors sanctioned by the Board could not be revised or altered by the other Court which was thus deprived of its one very important privilege. A modification was introduced in the constitution of the Board by the Act of 1793 which provided that two commissioners might be appointed from outside the Privy Council and that the members and staff of the Board be paid out of the Indian revenues. From this time all the power of the Board came practically to be concentrated in the hands of the President and the Board was no more than a name. By the Charter Act of 1833 the constitution of the Board was further modified and the qualification for membership, *viz.* of belonging to the Privy Council was omitted. Later on, the number of commissioners was gradually reduced till at last there remained only one commissioner, the President of the Board, and thus the word became a misnomer, one man constituting a board and being its president. We are accustomed to speak of the transfer of the Government of India to the Crown in 1858, but it will have been perceived that the Government was already in the hands of the Crown though the reality was concealed from the public view, all patronage of appointments in India having been left to the Court of Directors, who prized the privilege very highly.

The Government of India Act of 1858 put an end to the administration of the Court of Directors and abolished the Board of Control, though the East India Company itself was not dissolved till 1874. The Secretary of State who was invested with the powers exercised by these bodies, was to be assisted by a Council consisting of fifteen members, eight of whom were to be appointed by the Crown

The first of these is the fact that the library is a public institution, and as such it is subject to the control of the public. The second is the fact that the library is a non-profit institution, and as such it is not subject to the same financial constraints as a profit-making enterprise. The third is the fact that the library is a cultural institution, and as such it is subject to the same cultural constraints as a museum or a theater. The fourth is the fact that the library is a social institution, and as such it is subject to the same social constraints as a school or a church. The fifth is the fact that the library is a historical institution, and as such it is subject to the same historical constraints as a monument or a relic. The sixth is the fact that the library is a modern institution, and as such it is subject to the same modern constraints as a factory or a bank. The seventh is the fact that the library is a future institution, and as such it is subject to the same future constraints as a dream or a vision. The eighth is the fact that the library is a universal institution, and as such it is subject to the same universal constraints as a law or a principle. The ninth is the fact that the library is a particular institution, and as such it is subject to the same particular constraints as a person or a place. The tenth is the fact that the library is a complex institution, and as such it is subject to the same complex constraints as a system or a process. The eleventh is the fact that the library is a simple institution, and as such it is subject to the same simple constraints as a word or a deed. The twelfth is the fact that the library is a mysterious institution, and as such it is subject to the same mysterious constraints as a magic or a miracle. The thirteenth is the fact that the library is a familiar institution, and as such it is subject to the same familiar constraints as a friend or a neighbor. The fourteenth is the fact that the library is a strange institution, and as such it is subject to the same strange constraints as a stranger or a foreigner. The fifteenth is the fact that the library is a common institution, and as such it is subject to the same common constraints as a crowd or a mob. The sixteenth is the fact that the library is a rare institution, and as such it is subject to the same rare constraints as a rarity or a curiosity. The seventeenth is the fact that the library is a common institution, and as such it is subject to the same common constraints as a crowd or a mob. The eighteenth is the fact that the library is a rare institution, and as such it is subject to the same rare constraints as a rarity or a curiosity. The nineteenth is the fact that the library is a common institution, and as such it is subject to the same common constraints as a crowd or a mob. The twentieth is the fact that the library is a rare institution, and as such it is subject to the same rare constraints as a rarity or a curiosity.

The first of these is the fact that the library is a public institution, and as such it is subject to the control of the public. The second is the fact that the library is a non-profit institution, and as such it is not subject to the same financial constraints as a profit-making enterprise. The third is the fact that the library is a cultural institution, and as such it is subject to the same cultural constraints as a museum or a theater. The fourth is the fact that the library is a social institution, and as such it is subject to the same social constraints as a school or a church. The fifth is the fact that the library is a historical institution, and as such it is subject to the same historical constraints as a monument or a relic. The sixth is the fact that the library is a modern institution, and as such it is subject to the same modern constraints as a factory or a bank. The seventh is the fact that the library is a future institution, and as such it is subject to the same future constraints as a dream or a vision. The eighth is the fact that the library is a universal institution, and as such it is subject to the same universal constraints as a law or a principle. The ninth is the fact that the library is a particular institution, and as such it is subject to the same particular constraints as a person or a place. The tenth is the fact that the library is a complex institution, and as such it is subject to the same complex constraints as a system or a process. The eleventh is the fact that the library is a simple institution, and as such it is subject to the same simple constraints as a word or a deed. The twelfth is the fact that the library is a mysterious institution, and as such it is subject to the same mysterious constraints as a magic or a miracle. The thirteenth is the fact that the library is a familiar institution, and as such it is subject to the same familiar constraints as a friend or a neighbor. The fourteenth is the fact that the library is a strange institution, and as such it is subject to the same strange constraints as a stranger or a foreigner. The fifteenth is the fact that the library is a common institution, and as such it is subject to the same common constraints as a crowd or a mob. The sixteenth is the fact that the library is a rare institution, and as such it is subject to the same rare constraints as a rarity or a curiosity. The seventeenth is the fact that the library is a common institution, and as such it is subject to the same common constraints as a crowd or a mob. The eighteenth is the fact that the library is a rare institution, and as such it is subject to the same rare constraints as a rarity or a curiosity. The nineteenth is the fact that the library is a common institution, and as such it is subject to the same common constraints as a crowd or a mob. The twentieth is the fact that the library is a rare institution, and as such it is subject to the same rare constraints as a rarity or a curiosity.

should be formed out of the Directors and this committee was to dispatch orders to India without the knowledge of the other Directors whenever the Board of Control thought that the orders required secrecy. The actions and resolutions of the Court of Directors sanctioned by the Board could not be revised or altered by the other Court which was thus deprived of its one very important privilege. A modification was introduced in the constitution of the Board by the Act of 1793 which provided that two commissioners might be appointed from outside the Privy Council and that the members and staff of the Board be paid out of the Indian revenues. From this time all the power of the Board came practically to be concentrated in the hands of the President and the Board was no more than a name. By the Charter Act of 1833 the constitution of the Board was further modified and the qualification for membership, *viz.* of belonging to the Privy Council was omitted. Later on, the number of commissioners was gradually reduced till at last there remained only one commissioner, the President of the Board, and thus the word became a misnomer, one man constituting a board and being its president. We are accustomed to speak of the transfer of the Government of India to the Crown in 1858, but it will have been perceived that the Government was already in the hands of the Crown though the reality was concealed from the public view, all patronage of appointments in India having been left to the Court of Directors, who prized the privilege very highly.

The Government of India Act of 1858 put an end to the administration of the Court of Directors and abolished the Board of Control, though the East India Company itself was not dissolved till 1874. The Secretary of State who was invested with the powers exercised by these bodies, was to be assisted by a Council consisting of fifteen members, eight of whom were to be appointed by the Crown

and the remaining seven elected by the Court of Directors from among themselves. The major part of the persons so nominated and selected were to be persons who had served or resided in India at least for ten years, and, with certain exceptions, who had not left India more than ten years before their appointment. The members held their office during good behaviour and could be removed upon an address of both Houses of Parliament. They were not capable of sitting or voting in Parliament. The Government of India Act of 1869 vested in the Secretary of State the right of filling all vacancies in the Council of India and the tenure of members of the Council was changed. The members were to be appointed for ten years and to be ineligible for reappointment except for special reasons which were to be set forth in a minute to be laid before both Houses of Parliament. Seven years later, the Council of India Act, 1876 allowed the Secretary of State, for special reasons, to appoint any person having professional or other peculiar qualifications to be a member of Council, during good behaviour, a tenure which had been abolished by the Act of 1869. This provision was introduced to enable the Secretary of State to bring into the Council lawyers and persons having financial and banking experience who were totally unconnected with India. The number of Councillors was reduced prospectively, from fifteen to ten by the Council of Reduction Act, 1889. By the Council of India Act passed in 1907 the Council now consists 'of such number of members not less than ten and not more than fourteen, as the Secretary of State may from time to time determine.' The members hold office for seven years and this term may, for special reasons, be extended by five years more. The majority of the members must be persons who have served or resided in India for at least ten years, and who have not left India more than five years before their appointment. The members are selected from among Indian ex-officials who have had administrative,

the first of these is the fact that the majority of the information sources are not available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The second of these factors is the fact that the information sources are often scattered across a wide range of different geographical locations. This is due to the fact that the information sources are often owned by different organisations, which may be located in different parts of the world. The third of these factors is the fact that the information sources are often scattered across a wide range of different time periods. This is due to the fact that the information sources are often produced at different times, and may therefore contain information that is out of date.

The fourth of these factors is the fact that the information sources are often scattered across a wide range of different formats. This is due to the fact that the information sources are often produced in different formats, and may therefore be difficult to access. The fifth of these factors is the fact that the information sources are often scattered across a wide range of different languages. This is due to the fact that the information sources are often produced in different languages, and may therefore be difficult to understand. The sixth of these factors is the fact that the information sources are often scattered across a wide range of different subjects. This is due to the fact that the information sources are often produced on different subjects, and may therefore be difficult to find. The seventh of these factors is the fact that the information sources are often scattered across a wide range of different levels of detail. This is due to the fact that the information sources are often produced at different levels of detail, and may therefore be difficult to use.

The eighth of these factors is the fact that the information sources are often scattered across a wide range of different types of information. This is due to the fact that the information sources are often produced on different types of information, and may therefore be difficult to use. The ninth of these factors is the fact that the information sources are often scattered across a wide range of different levels of quality. This is due to the fact that the information sources are often produced at different levels of quality, and may therefore be difficult to use.

The tenth of these factors is the fact that the information sources are often scattered across a wide range of different levels of accessibility. This is due to the fact that the information sources are often produced at different levels of accessibility, and may therefore be difficult to use. The eleventh of these factors is the fact that the information sources are often scattered across a wide range of different levels of cost. This is due to the fact that the information sources are often produced at different levels of cost, and may therefore be difficult to use. The twelfth of these factors is the fact that the information sources are often scattered across a wide range of different levels of reliability. This is due to the fact that the information sources are often produced at different levels of reliability, and may therefore be difficult to use.

and the remaining seven elected by the Court of Directors from among themselves. The major part of the persons so nominated and selected were to be persons who had served or resided in India at least for ten years, and, with certain exceptions, who had not left India more than ten years before their appointment. The members held their office during good behaviour and could be removed upon an address of both Houses of Parliament. They were not capable of sitting or voting in Parliament. The Government of India Act of 1869 vested in the Secretary of State the right of filling all vacancies in the Council of India and the tenure of members of the Council was changed. The members were to be appointed for ten years and to be ineligible for reappointment except for special reasons which were to be set forth in a minute to be laid before both Houses of Parliament. Seven years later, the Council of India Act, 1876 allowed the Secretary of State, for special reasons, to appoint any person having professional or other peculiar qualifications to be a member of Council, during good behaviour, a tenure which had been abolished by the Act of 1869. This provision was introduced to enable the Secretary of State to bring into the Council lawyers and persons having financial and banking experience who were totally unconnected with India. The number of Councillors was reduced prospectively, from fifteen to ten by the Council of Reduction Act, 1889. By the Council of India Act passed in 1907 the Council now consists 'of such number of members not less than ten and not more than fourteen, as the Secretary of State may from time to time determine.' The members hold office for seven years and this term may, for special reasons, be extended by five years more. The majority of the members must be persons who have served or resided in India for at least ten years, and who have not left India more than five years before their appointment. The members are selected from among Indian ex-officials who have had administrative,

financial or military experience. This arrangement is obviously designed to give to the Secretary of State, who cannot usually be expected to have much knowledge of the details of Indian administration, the assistance of a body of men who are in a position to give him expert advice. In pursuance of the policy of constitutional reform initiated by Lord Morley when he was Secretary of State, two Indian gentlemen were appointed to vacancies in the Council and though there is no statutory provision for these appointments, it seems to be an understanding that this practice of appointing Indians to the Council will be invariably continued. The advantage of this reform cannot be over-estimated. When the Secretary of State is called upon to consider large questions of policy, as he often is, the counsel of these Indian gentlemen must prove invaluable as they are likely to know more of the inmost feelings of their countrymen than all the other members of the Council put together.

It would be an error to suppose that the position of the India Council is analogous to that occupied by the Court of Directors before 1858, inasmuch as the former does not possess any independent powers of action as the Court did. The Council of India conducts, under the direction of the Secretary of State, the business transacted in the United Kingdom in relation to the Government of India and the correspondence with India. Five members form a quorum and the Council may act in spite of any vacancy in the number of members. The Secretary of State who is the President of the Council and has power to vote, may appoint any member to be vice-President. Meetings of the Council are convened and held when and as the Secretary of State directs but one such meeting must be held in every week. The procedure adopted with regard to meeting of the Council and orders to be sent out to India will be clear from the following extracts from the Government of India

financial or military experience. This arrangement is obviously designed to give to the Secretary of State, who cannot usually be expected to have much knowledge of the details of Indian administration, the assistance of a body of men who are in a position to give him expert advice. In pursuance of the policy of constitutional reform initiated by Lord Morley when he was Secretary of State, two Indian gentlemen were appointed to vacancies in the Council and though there is no statutory provision for these appointments, it seems to be an understanding that this practice of appointing Indians to the Council will be invariably continued. The advantage of this reform cannot be over-estimated. When the Secretary of State is called upon to consider large questions of policy, as he often is, the counsel of these Indian gentlemen must prove invaluable as they are likely to know more of the inmost feelings of their countrymen than all the other members of the Council put together.

It would be an error to suppose that the position of the India Council is analogous to that occupied by the Court of Directors before 1858, inasmuch as the former does not possess any independent powers of action as the Court did. The Council of India conducts, under the direction of the Secretary of State, the business transacted in the United Kingdom in relation to the Government of India and the correspondence with India. Five members form a quorum and the Council may act in spite of any vacancy in the number of members. The Secretary of State who is the President of the Council and has power to vote, may appoint any member to be vice-President. Meetings of the Council are convened and held when and as the Secretary of State directs but one such meeting must be held in every week. The procedure adopted with regard to meeting of the Council and orders to be sent out to India will be clear from the following extracts from the Government of India

Act of 1858 :—"At any meeting of the Council at which the Secretary of State is present, if there be a difference of opinion on any question other than the question of the election of a Member of Council, or other than any question with regard to which a majority of votes is hereinafter declared to be necessary, the determination of the Secretary of State shall be final.

"And in case of an equality of votes at any meeting of the Council, the Secretary of State, if present and in his absence the vice-President, or presiding member, shall have a casting vote.

"And all acts done at any meeting of the Council in the absence of the Secretary of State, except the election of a Member of the Council, shall require the sanction or approval in writing of the Secretary of State.

"And in case of difference of opinion on any question decided at any meeting, the Secretary of State may require that his opinion and the reasons for the same be entered in the minutes of the proceedings, and any Member of the Council who may have been present at the meeting may require that his opinion, and any reasons for the same that he may have stated at the meeting, be entered in like manner.

"Every order or communication proposed to be sent to India and every order proposed to be made in the United Kingdom by the Secretary of State under this Act, shall, unless the same has been submitted to a meeting of the Council, be placed in the Council room for the perusal of all members of the Council during seven days before the sending or making thereof, except in the cases hereinafter provided.

"And it shall be lawful for any member of the Council to record in a minute book to be kept for that purpose, his opinion with respect to each such order or communication, and a copy of every opinion so recorded shall be sent forthwith to the Secretary of State.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

2. Next, it is important to gather relevant information and data. This can be done through research, consultation with experts, or by analyzing existing data sets.

3. Once the information is gathered, the next step is to develop a plan or strategy to address the problem. This may involve breaking the problem down into smaller, more manageable parts.

4. The fourth step is to implement the plan. This involves putting the strategy into action and monitoring progress along the way.

5. Finally, it is important to evaluate the results and determine if the problem has been solved or if further action is needed. This may involve revising the plan or seeking additional resources.

© 2006 The Authors
Journal compilation © 2006 Blackwell Publishing Ltd

© 2000 Blackwell Science Ltd, *Journal of Internal Medicine* 247: 395–402

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The results are presented in the following table:

[illegible]

... ..

Act of 1858 :--“At any meeting of the Council at which the Secretary of State is present, if there be a difference of opinion on any question other than the question of the election of a Member of Council, or other than any question with regard to which a majority of votes is hereinafter declared to be necessary, the determination of the Secretary of State shall be final.

“And in case of an equality of votes at any meeting of the Council, the Secretary of State, if present and in his absence the vice-President, or presiding member, shall have a casting vote.

“And all acts done at any meeting of the Council in the absence of the Secretary of State, except the election of a Member of the Council, shall require the sanction or approval in writing of the Secretary of State.

“And in case of difference of opinion on any question decided at any meeting, the Secretary of State may require that his opinion and the reasons for the same be entered in the minutes of the proceedings, and any Member of the Council who may have been present at the meeting may require that his opinion, and any reasons for the same that he may have stated at the meeting, be entered in like manner.

“Every order or communication proposed to be sent to India and every order proposed to be made in the United Kingdom by the Secretary of State under this Act, shall, unless the same has been submitted to a meeting of the Council, be placed in the Council room for the perusal of all members of the Council during seven days before the sending or making thereof, except in the cases hereinafter provided.

“And it shall be lawful for any member of the Council to record in a minute book to be kept for that purpose, his opinion with respect to each such order or communication, and a copy of every opinion so recorded shall be sent forthwith to the Secretary of State.

"If a majority of the Council record, as aforesaid, their opinions against any act proposed to be done, the Secretary of State shall, if he do not defer to the opinions of the majority, record his reasons for acting in opposition thereto.

"Provided that where it appears to the Secretary of State that the despatch of any communication, or the making of any order, not being an order for which a majority of the votes at a meeting is hereby made necessary, is urgently required, the communication may be sent or order given notwithstanding the same may not have been submitted to a meeting of the Council or deposited for seven days as aforesaid, the urgent reasons for sending or making the same being recorded by the Secretary of State and notice thereof being given to every member of the Council, except in the cases hereinafter mentioned.

"Provided also that any order, not being an order for which a majority of votes at a meeting is hereby made necessary, which might, if this Act had not been passed, have been sent by the Commissioners for the Affairs of India, through the Secret Committee of the Court of Directors to Governments or Presidencies in India, or to the officers or servants of the said Company, may, after the commencement of this Act, be sent to such Governments or Presidencies, or to any officer or servant in India, by the Secretary of State without having been submitted to a meeting, or deposited for the perusal of the members of the Council, and without the reasons being recorded, or notice thereof being given as aforesaid.

"Any despatches to Great Britain which might, if this Act had not been passed, have been addressed to the Secret Committee of the Court of Directors, may be marked "Secret" by the authorities sending the same.

"And such despatches shall not be communicated to the Members of the Council, unless the Secretary of State shall so think fit and direct."

"If a majority of the Council record, as aforesaid, their opinions against any act proposed to be done, the Secretary of State shall, if he do not defer to the opinions of the majority, record his reasons for acting in opposition thereto.

"Provided that where it appears to the Secretary of State that the despatch of any communication, or the making of any order, not being an order for which a majority of the votes at a meeting is hereby made necessary, is urgently required, the communication may be sent or order given notwithstanding the same may not have been submitted to a meeting of the Council or deposited for seven days as aforesaid, the urgent reasons for sending or making the same being recorded by the Secretary of State and notice thereof being given to every member of the Council, except in the cases hereinafter mentioned.

"Provided also that any order, not being an order for which a majority of votes at a meeting is hereby made necessary, which might, if this Act had not been passed, have been sent by the Commissioners for the Affairs of India, through the Secret Committee of the Court of Directors to Governments or Presidencies in India, or to the officers or servants of the said Company, may, after the commencement of this Act, be sent to such Governments or Presidencies, or to any officer or servant in India, by the Secretary of State without having been submitted to a meeting, or deposited for the perusal of the members of the Council, and without the reasons being recorded, or notice thereof being given as aforesaid.

"Any despatches to Great Britain which might, if this Act had not been passed, have been addressed to the Secret Committee of the Court of Directors, may be marked "Secret" by the authorities sending the same.

"And such despatches shall not be communicated to the Members of the Council, unless the Secretary of State shall so think fit and direct."

The following is a list of the names of the members of the American Medical Association who have been elected to the office of President of the Association for the year 1917.

The following is a list of the names of the members of the American Medical Association who have been elected to the office of President of the Association for the year 1917.

The following is a list of the names of the members of the American Medical Association who have been elected to the office of President of the Association for the year 1917.

The following is a list of the names of the members of the American Medical Association who have been elected to the office of President of the Association for the year 1917.

When any order is sent to India directing the actual commencement of hostilities by His Majesty's forces in India, the fact has to be communicated to Parliament within three months after the sending of the order and if Parliament is not sitting at the time, then within one month after the next meeting of Parliament. The Governor General-in-Council is required to transmit to the Secretary of State constantly and diligently all particulars of all advices and intelligence and of all transactions and matters coming to the knowledge of the Governor General-in-Council and relating to the Government, commerce, revenues, or Affairs of India. The revenues of India are received for and in the name of His Majesty and may be applied to the purposes of the Government of British India alone. The expenditure of the revenues of India, both in India and elsewhere, is subject to the control of the Secretary of State-in-Council, and no grant or appropriation of any part of those revenues, or of any other property coming into the possession of the Secretary of State-in-Council by virtue of the Government of India Act, 1858, may be made without the concurrence of a majority of votes at a meeting of the Council of India. This appears like a constitutional check upon the powers of the Secretary of State so far as expenditure of Indian revenues is concerned but it cannot be effectively exercised in various cases. The restraint also upon the powers of the Indian legislature to appropriate by Indian Acts to specific purposes, provincial or imperial sources of revenue would give rise to inconvenience in practice. The revenues of India are not, without the consent of both Houses of Parliament, to be applied to defraying the expenses of any military operation carried on beyond the external frontiers of His Majesty's Indian possessions, except for preventing or repelling actual invasion or under other sudden and urgent necessity. Such portion of the Indian revenues as is remitted to the United Kingdom and all money accruing therefrom and any

When any order is sent to India directing the actual commencement of hostilities by His Majesty's forces in India, the fact has to be communicated to Parliament within three months after the sending of the order and if Parliament is not sitting at the time, then within one month after the next meeting of Parliament. The Governor General-in-Council is required to transmit to the Secretary of State constantly and diligently all particulars of all advices and intelligence and of all transactions and matters coming to the knowledge of the Governor General-in-Council and relating to the Government, commerce, revenues, or Affairs of India. The revenues of India are received for and in the name of His Majesty and may be applied to the purposes of the Government of British India alone. The expenditure of the revenues of India, both in India and elsewhere, is subject to the control of the Secretary of State-in-Council, and no grant or appropriation of any part of those revenues, or of any other property coming into the possession of the Secretary of State-in-Council by virtue of the Government of India Act, 1858, may be made without the concurrence of a majority of votes at a meeting of the Council of India. This appears like a constitutional check upon the powers of the Secretary of State so far as expenditure of Indian revenues is concerned but it cannot be effectively exercised in various cases. The restraint also upon the powers of the Indian legislature to appropriate by Indian Acts to specific purposes, provincial or imperial sources of revenue would give rise to inconvenience in practice. The revenues of India are not, without the consent of both Houses of Parliament, to be applied to defraying the expenses of any military operation carried on beyond the external frontiers of His Majesty's Indian possessions, except for preventing or repelling actual invasion or under other sudden and urgent necessity. Such portion of the Indian revenues as is remitted to the United Kingdom and all money accruing therefrom and any

property or rights vested in His Majesty for the Government of India, must be paid to the Secretary of State and must be paid into the Bank of England to the credit of an account entitled 'The Account of the Secretary of State-in-Council of India.' The Secretary of State-in-Council is required, within the first fourteen days during which Parliament is sitting, next after the first day of May in every year to lay before Parliament a detailed account of the receipts and disbursements, in India and in England, and the account must be accompanied by a statement prepared from a detailed report from each province in British India 'exhibiting the moral and material progress and condition of British India' in each province. The House of Commons goes into committee on the East India Revenue Accounts and the Secretary of State for India or his representative in the House of Commons makes a statement explaining the accounts. This opportunity is availed of also to review the general political and economic position in India and to state the policy pursued or proposed to be pursued in this country by the Government. Those who take any interest in India criticise the measures and actions of Government and call for specific reforms. This is called the Indian Budget debate, but the resolution in committee is purely formal and the whole affair is tame from beginning to end, though very interesting speeches and important pronouncements are sometimes made on the occasion. The accounts of the Secretary of State-in-Council are examined and audited by an independent auditor appointed by His Majesty by warrant under His Royal Sign Manual, countersigned by the Chancellor of the Exchequer. The auditor and his assistants are paid out of the revenues of India.

By the Act of 1858 the Secretary of State is authorised to constitute committees of the Council of India for the more convenient transaction of business and to direct

property or rights vested in His Majesty for the Government of India, must be paid to the Secretary of State and must be paid into the Bank of England to the credit of an account entitled 'The Account of the Secretary of State-in-Council of India.' The Secretary of State-in-Council is required, within the first fourteen days during which Parliament is sitting, next after the first day of May in every year to lay before Parliament a detailed account of the receipts and disbursements, in India and in England, and the account must be accompanied by a statement prepared from a detailed report from each province in British India 'exhibiting the moral and material progress and condition of British India' in each province. The House of Commons goes into committee on the East India Revenue Accounts and the Secretary of State for India or his representative in the House of Commons makes a statement explaining the accounts. This opportunity is availed of also to review the general political and economic position in India and to state the policy pursued or proposed to be pursued in this country by the Government. Those who take any interest in India criticise the measures and actions of Government and call for specific reforms. This is called the Indian Budget debate, but the resolution in committee is purely formal and the whole affair is tame from beginning to end, though very interesting speeches and important pronouncements are sometimes made on the occasion. The accounts of the Secretary of State-in-Council are examined and audited by an independent auditor appointed by His Majesty by warrant under His Royal Sign Manual, countersigned by the Chancellor of the Exchequer. The auditor and his assistants are paid out of the revenues of India.

By the Act of 1858 the Secretary of State is authorised to constitute committees of the Council of India for the more convenient transaction of business and to direct

what departments of business are to be under those committees, and generally to direct the manner in which all business of the Council or Committees thereof is to be transacted. The Secretary of State has an establishment of two Under Secretaries and an Assistant Under Secretary, one Private Secretary and two Assistant Private Secretaries assisted by a large staff. The business to be done by the Council is distributed among the various departments, each of which is in charge of a permanent Secretary and a Committee consisting of four or five members of the Council is appointed for the consideration of the questions coming before each department. The existing Committees are Finance, Political and Secret, Military, Revenue and Statistics, Public Works, Stores and Judicial and Public. Each member is usually called upon to serve on two committees and may be transferred from one to another. When orders are to be sent out to India, the Secretary of the Department concerned receives the orders of the Secretary of State on the matter and a draft is prepared. It is then placed before the Committee, members of which may raise objections and suggest alterations. The amended draft is submitted to the Secretary of State and if approved by him, is available for inspection to the other members of the Council. It is then brought up before a meeting of that body and formally passed with usually little amendment. Sir George Chesney comments upon this system as follows :—"And regard being had to the innate indolence of most men, especially of old men, and to the natural disinclination (in itself a creditable feeling) of men experienced in business to appear obstructive, it will be understood that the experience and judgment of the Councillors are, to say the least, not turned to the best account. A strong man may assert himself and make his influence felt—a strong man will always do this in any circumstance—but he must go out of his way to do it. Add that of individual responsibility there is none, opinions be-

what departments of business are to be under those committees, and generally to direct the manner in which all business of the Council or Committees thereof is to be transacted. The Secretary of State has an establishment of two Under Secretaries and an Assistant Under Secretary, one Private Secretary and two Assistant Private Secretaries assisted by a large staff. The business to be done by the Council is distributed among the various departments, each of which is in charge of a permanent Secretary and a Committee consisting of four or five members of the Council is appointed for the consideration of the questions coming before each department. The existing Committees are Finance, Political and Secret, Military, Revenue and Statistics, Public Works, Stores and Judicial and Public. Each member is usually called upon to serve on two committees and may be transferred from one to another. When orders are to be sent out to India, the Secretary of the Department concerned receives the orders of the Secretary of State on the matter and a draft is prepared. It is then placed before the Committee, members of which may raise objections and suggest alterations. The amended draft is submitted to the Secretary of State and if approved by him, is available for inspection to the other members of the Council. It is then brought up before a meeting of that body and formally passed with usually little amendment. Sir George Chesney comments upon this system as follows :—"And regard being had to the innate indolence of most men, especially of old men, and to the natural disinclination (in itself a creditable feeling) of men experienced in business to appear obstructive, it will be understood that the experience and judgment of the Councillors are, to say the least, not turned to the best account. A strong man may assert himself and make his influence felt—a strong man will always do this in any circumstance—but he must go out of his way to do it. Add that of individual responsibility there is none, opinions be-

The first of these is the fact that the library is a social institution. It is not a neutral, objective entity, but a social construct that reflects the values and beliefs of the society in which it operates. The second is the fact that the library is a service organisation. It exists to provide a service to its users, and its success is measured by the quality of that service. The third is the fact that the library is a cultural institution. It is a place where culture is created, preserved and disseminated. The fourth is the fact that the library is a knowledge institution. It is a place where knowledge is stored, organised and made available to users. The fifth is the fact that the library is a community institution. It is a place where the community comes together to share ideas, resources and experiences. The sixth is the fact that the library is a public institution. It is a place that is open to all members of the community, regardless of their social status or background. The seventh is the fact that the library is a democratic institution. It is a place where everyone has the right to access information and knowledge. The eighth is the fact that the library is a sustainable institution. It is a place that is able to adapt to changing circumstances and continue to provide a service to its users. The ninth is the fact that the library is a resilient institution. It is a place that is able to withstand challenges and continue to provide a service to its users. The tenth is the fact that the library is a transformative institution. It is a place that has the power to change the lives of its users and the society in which it operates. These ten characteristics are the defining features of the library as a social institution. They are the qualities that make the library a unique and valuable part of our society. They are the qualities that make the library a place where we can find the answers to our questions, the resources we need to succeed, and the community we need to thrive. They are the qualities that make the library a place where we can make a difference in the world.

ing expressed collectively both in Committee and in Council and it will be recognized that the Indian Council as actually constituted, is not as efficient a body as it should be, and that its procedure at any rate needs to be reformed."* Sir George suggests that this defect may be corrected by giving the members of the Council specific administrative duties and responsibilities by placing them severally in direct executive charge of the different departments—in fact to reconstitute that body on a footing similar to that of the Governor General's Council in India. This Council, it will be recollected, was at one time merely a consultative body like the India Council of the present moment. But now each member of that Council has responsible charge of one of the Departments of the State. The Council of India reconstituted on self-same lines will, it is believed, be a more efficient body while the full responsibility and power he possesses of overruling the collective body will be retained undiminished by the Secretary of State. Lord Crewe, the present Secretary of State, it appears, proposes to introduce the suggested change and in one of his recent speeches he outlined his scheme. Viscount Middleton having asked the Secretary of State for India, on the 31st July last in the House of Lords whether it was in contemplation, by legislation or otherwise, to introduce any changes into the conduct of business in the India Office, Lord Crewe made a statement of the changes that were contemplated. The present organization of the machinery of the India Council will, according to this scheme, be modified by the elimination of the committees and the substitution for them of departments corresponding to those of the Government of India. Much of the routine work will be done by these departments and they are to be encouraged to keep in touch with the corresponding

* Indian Polity (1894).

ing expressed collectively both in Committee and in Council and it will be recognized that the Indian Council as actually constituted, is not as efficient a body as it should be, and that its procedure at any rate needs to be reformed."* Sir George suggests that this defect may be corrected by giving the members of the Council specific administrative duties and responsibilities by placing them severally in direct executive charge of the different departments—in fact to reconstitute that body on a footing similar to that of the Governor General's Council in India. This Council, it will be recollected, was at one time merely a consultative body like the India Council of the present moment. But now each member of that Council has responsible charge of one of the Departments of the State. The Council of India reconstituted on self-same lines will, it is believed, be a more efficient body while the full responsibility and power he possesses of overruling the collective body will be retained undiminished by the Secretary of State. Lord Crewe, the present Secretary of State, it appears, proposes to introduce the suggested change and in one of his recent speeches he outlined his scheme. Viscount Middleton having asked the Secretary of State for India, on the 31st July last in the House of Lords whether it was in contemplation, by legislation or otherwise, to introduce any changes into the conduct of business in the India Office, Lord Crewe made a statement of the changes that were contemplated. The present organization of the machinery of the India Council will, according to this scheme, be modified by the elimination of the committees and the substitution for them of departments corresponding to those of the Government of India. Much of the routine work will be done by these departments and they are to be encouraged to keep in touch with the corresponding

* Indian Polity (1894).

departments in India. The number of the Council will be reduced to eight, with a maximum of ten, and the salary is to be restored to the earlier figure of twelve hundred pounds a year. In view of the Finance Commission still making its inquiries, the Marquis could not put forth a definite proposal. His scheme was provisional and was advanced to elicit opinions upon it.

This sort of reform of the India Council is viewed in different lights. In fact it is an old question, and the reform as well as the abolition of the Council have been advocated for the past many years. As regards doing away with the Council, Lord Crewe said that he 'should certainly not abolish the Council or strip it of its powers.' He would only alter its procedure of work and reduce its numbers. Whatever the beneficent result of this change, it is regarded by many people as quite inadequate. The *Times of India* gives expression to the view that the real essentials of reform are, first, recognition of the principle that the enlargement of the Legislative Councils has made excessive interference by the Secretary of State an anachronism and secondly, that the isolation of the India Office should be broken down and living and continuous contact with the actual administration in this country established in its place. Effective reform, that paper suggests, would make the personnel of the India Office an integral part of the personnel of the Government of India, and would make service at Whitehall, whether in the Secretariat or in the Council, part of the active service of the Civilian and not a resort at the end of his active work. Another view which is shared by a larger section of people in this country is that a body like that of the India Council is itself an anachronism and a cumbersome superfluity in the machinery of the Indian Government. It is contended that a body consisting of retired Indian officials is not calculated to exercise an effective and a beneficial supervision upon the administrators of this country. It

departments in India. The number of the Council will be reduced to eight, with a maximum of ten, and the salary is to be restored to the earlier figure of twelve hundred pounds a year. In view of the Finance Commission still making its inquiries, the Marquis could not put forth a definite proposal. His scheme was provisional and was advanced to elicit opinions upon it.

This sort of reform of the India Council is viewed in different lights. In fact it is an old question, and the reform as well as the abolition of the Council have been advocated for the past many years. As regards doing away with the Council, Lord Crewe said that he 'should certainly not abolish the Council or strip it of its powers.' He would only alter its procedure of work and reduce its numbers. Whatever the beneficent result of this change, it is regarded by many people as quite inadequate. The *Times of India* gives expression to the view that the real essentials of reform are, first, recognition of the principle that the enlargement of the Legislative Councils has made excessive interference by the Secretary of State an anachronism and secondly, that the isolation of the India Office should be broken down and living and continuous contact with the actual administration in this country established in its place. Effective reform, that paper suggests, would make the personnel of the India Office an integral part of the personnel of the Government of India, and would make service at Whitehall, whether in the Secretariat or in the Council, part of the active service of the Civilian and not a resort at the end of his active work. Another view which is shared by a larger section of people in this country is that a body like that of the India Council is itself an anachronism and a cumbersome superfluity in the machinery of the Indian Government. It is contended that a body consisting of retired Indian officials is not calculated to exercise an effective and a beneficial supervision upon the administrators of this country. It

can not be expected to initiate or support advanced ideas on the various problems connected with the Government of this country. If the India Council is to be a real court of appeal and its control is to be anything but nominal, its reconstitution must be on lines other than those proposed by Lord Crewe. The India Council must either be ended or mended. Those who are in favour of the former view contend that the Secretary of State for India ought to be able to do without his Council as the Secretary of State for the Colonies, for instance, does and they do not see much difference between the position of and the work to be done by the two. They would have instead a standing committee of a few independent members of Parliament who will supervise and control the administration of India. The Minority Report of Lord Welby's Commission recommended in this connection that "a sufficient number of representative Indians of position and experience should be nominated to the Council of the Secretary of State on the recommendation of the elected members of the Viceroy's and Local Legislative Councils. In his memoir of the late A. O. Hume, Sir William Wedderburn proposes that as a beginning, representative Indians, selected in this way, might constitute not less than one-third of the Council; another third being officials; and the remaining third being selected from the most trusted public men in England, unconnected with the Indian administration. Looking to the strides India is making in educational, social and political progress, this idea of the reform of the India Council deserves careful consideration. If it is carried out, the true object of the Secretary of State for India's Council in London will be fulfilled. As it stands, the Council is certainly a useless encumbrance and Lord Crewe's proposed reforms will not improve matters. Another recommendation of the Minority Report that may be noted here was this: "In the time of the East India Company, a Parliamentary enquiry was held every twenty years, before the renewal of

can not be expected to initiate or support advanced ideas on the various problems connected with the Government of this country. If the India Council is to be a real court of appeal and its control is to be anything but nominal, its reconstitution must be on lines other than those proposed by Lord Crewe. The India Council must either be ended or mended. Those who are in favour of the former view contend that the Secretary of State for India ought to be able to do without his Council as the Secretary of State for the Colonies, for instance, does and they do not see much difference between the position of and the work to be done by the two. They would have instead a standing committee of a few independent members of Parliament who will supervise and control the administration of India. The Minority Report of Lord Welby's Commission recommended in this connection that "a sufficient number of representative Indians of position and experience should be nominated to the Council of the Secretary of State on the recommendation of the elected members of the Viceroy's and Local Legislative Councils. In his memoir of the late A. O. Hume, Sir William Wedderburn proposes that as a beginning, representative Indians, selected in this way, might constitute not less than one-third of the Council; another third being officials; and the remaining third being selected from the most trusted public men in England, unconnected with the Indian administration. Looking to the strides India is making in educational, social and political progress, this idea of the reform of the India Council deserves careful consideration. If it is carried out, the true object of the Secretary of State for India's Council in London will be fulfilled. As it stands, the Council is certainly a useless encumbrance and Lord Crewe's proposed reforms will not improve matters. Another recommendation of the Minority Report that may be noted here was this: "In the time of the East India Company, a Parliamentary enquiry was held every twenty years, before the renewal of

the Charter. From these enquiries date the most important reforms for the benefit of India. Also the prospect of such an enquiry tended to check abuses. This old practice should be revived by statute". Further, "in order to maintain the controlling authority over Indian expenditure, the salary of the Secretary of State for India should be placed upon the British estimates." Under existing conditions the control of the India Council is believed to be not very impartial and effective. Whenever it is effective it is usually obstructive to progress. We should like to see the Council mended rather than ended, but mended not by the introduction of the departmental system but by the infusion into it of independent blood, English and Indian, so as to make it a living and impartial check upon the Indian Executive.

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making sure that it is followed. The fifth step is to evaluate the results. This involves checking to see if the problem has been solved and if the plan was effective. If the problem has not been solved, the process starts over.

the Charter. From these enquiries date the most important reforms for the benefit of India. Also the prospect of such an enquiry tended to check abuses. This old practice should be revived by statute". Further, "in order to maintain the controlling authority over Indian expenditure, the salary of the Secretary of State for India should be placed upon the British estimates." Under existing conditions the control of the India Council is believed to be not very impartial and effective. Whenever it is effective it is usually obstructive to progress. We should like to see the Council mended rather than ended, but mended not by the introduction of the departmental system but by the infusion into it of independent blood, English and Indian, so as to make it a living and impartial check upon the Indian Executive.

CHAPTER IV.

PROVINCIAL GOVERNMENTS.

SOME idea has already been given of the growth of the Provincial Governments and their relations towards the Government of India. The government of the East India Company's possessions on the West and the East coast was in each case vested in a President and a Council, the members of the latter being appointed from among the higher ranks of the Company's service. As new acquisitions of territory were made, they were added on to these presidencies according as they lay in the south, the west or the east. By the Regulating Act, the Governments in Madras and Bombay were made subordinate to the Government of the presidency of Fort William but in practice the former remained independent. With the gradual growth of the British Power in India the presidential territories grew in size. The presidency of Bengal, in particular, became unwieldy and the desirability of carving a new province out of some of its territory was urgently felt. The urgency of relieving the Governor General from the charge of any particular presidency was equally felt. The Act of 1833 provided for the creation of a fourth presidency, the presidency of Agra, but the provision was not carried out. Instead of it, the proposal of the Court of Directors that a Lieutenant Governor should be appointed to the Agra division of the Bengal Presidency was accepted by the Board of Control and accordingly the Lieutenant Governorship of the North West Provinces was created by the Act of 1835. The government of the remaining part of the presidency of Fort William was carried on by the Governor General alone who had a separate establishment

THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE

Volume 100, Part 1, 2000

Published by the Royal Anthropological Institute of Great Britain and France

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------

CHAPTER IV.

PROVINCIAL GOVERNMENTS.

SOME idea has already been given of the growth of the Provincial Governments and their relations towards the Government of India. The government of the East India Company's possessions on the West and the East coast was in each case vested in a President and a Council, the members of the latter being appointed from among the higher ranks of the Company's service. As new acquisitions of territory were made, they were added on to these presidencies according as they lay in the south, the west or the east. By the Regulating Act, the Governments in Madras and Bombay were made subordinate to the Government of the presidency of Fort William but in practice the former remained independent. With the gradual growth of the British Power in India the presidential territories grew in size. The presidency of Bengal, in particular, became unwieldy and the desirability of carving a new province out of some of its territory was urgently felt. The urgency of relieving the Governor General from the charge of any particular presidency was equally felt. The Act of 1833 provided for the creation of a fourth presidency, the presidency of Agra, but the provision was not carried out. Instead of it, the proposal of the Court of Directors that a Lieutenant Governor should be appointed to the Agra division of the Bengal Presidency was accepted by the Board of Control and accordingly the Lieutenant Governorship of the North West Provinces was created by the Act of 1835. The government of the remaining part of the presidency of Fort William was carried on by the Governor General alone who had a separate establishment

for that purpose quite distinct from that of the Government of India. Sind was annexed in 1843 and was afterwards placed under the Government of Bombay. At the conclusion of the first Sikh war the British Government occupied the Punjab and appointed a Council of Regency, with a British Officer, styled Resident, at the head to conduct the government of the country on behalf of the minor Raja. As a result of the second Sikh War, the whole country was annexed. The direct control of the province was assumed by the Governor General-in-Council and the executive government was vested at first in a Board of Administration and afterwards in a Chief Commissioner. It has been mentioned above that the intention of the Act of 1833 to divide the overgrown presidency of Bengal into two distinct presidencies, was not carried out but that a Lieutenant Governor was created for the North West Provinces. The Charter Act of 1853 authorised the appointment of a separate Governor for that presidency, distinct from the Governor General, and provided that until this separate Governor was appointed, the Court of Directors and the Board of Control might authorise the appointment of a Lieutenant Governor of Bengal. No separate Governor was, however, appointed for that presidency, but in 1854 a Lieutenant Governor was appointed for Bengal. This form of government continued since then in that presidency until in 1912 it was raised to the position of a full-fledged governorship.

The Raja of Nagpur having died without heirs in 1854, his kingdom was regarded as having lapsed to the British power and was placed under a Commissioner and a staff of Civil and military officers in the employ of the Company in India. The kingdom of Oudh was annexed in 1856 and the administration of the province was entrusted to a Chief Commissioner. It was partially amalgamated with the North Western Provinces in 1877 and in 1901, owing to the formation of the North West Frontier Province and

for that purpose quite distinct from that of the Government of India. Sind was annexed in 1843 and was afterwards placed under the Government of Bombay. At the conclusion of the first Sikh war the British Government occupied the Punjab and appointed a Council of Regency, with a British Officer, styled Resident, at the head to conduct the government of the country on behalf of the minor Raja. As a result of the second Sikh War, the whole country was annexed. The direct control of the province was assumed by the Governor General-in-Council and the executive government was vested at first in a Board of Administration and afterwards in a Chief Commissioner. It has been mentioned above that the intention of the Act of 1833 to divide the overgrown presidency of Bengal into two distinct presidencies, was not carried out but that a Lieutenant Governor was created for the North West Provinces. The Charter Act of 1853 authorised the appointment of a separate Governor for that presidency, distinct from the Governor General, and provided that until this separate Governor was appointed, the Court of Directors and the Board of Control might authorise the appointment of a Lieutenant Governor of Bengal. No separate Governor was, however, appointed for that presidency, but in 1854 a Lieutenant Governor was appointed for Bengal. This form of government continued since then in that presidency until in 1912 it was raised to the position of a full-fledged governorship.

The Raja of Nagpur having died without heirs in 1854, his kingdom was regarded as having lapsed to the British power and was placed under a Commissioner and a staff of Civil and military officers in the employ of the Company in India. The kingdom of Oudh was annexed in 1856 and the administration of the province was entrusted to a Chief Commissioner. It was partially amalgamated with the North Western Provinces in 1877 and in 1901, owing to the formation of the North West Frontier Province and

in order to avoid the confusion which would have arisen from similarity of names, the North Western Provinces became the Province of Agra, and with Oudh, they are now known as the United Provinces of Agra and Oudh. After the Mutiny the territory formerly known as the Delhi territory was transferred from the North West Provinces to the Punjab and the province thus enlarged was placed under a Lieutenant Governor in 1859. The territorial division known as the Central Provinces was created in 1861 by detaching the Saugor and Nerbuda Territories from the North Western Provinces and adding to them the province of Nagpur. The Province thus constituted was placed in charge of a Chief Commissioner. The Burmese territories which had been ceded by the Court of Ava in 1825 and 1853 and which were placed under separate Commissioners directly subordinate to the Government of India, were, in 1862, amalgamated into the province called British Burma which was placed under a Chief Commissioner. After the last Burmese war, upper Burma was annexed in 1886 and this territory was joined to British Burma to form the Chief Commissioner-ship of Burma. It was made a Lieutenant Governorship in 1897. Berar was assigned to the British Government by the Nizam in 1853 with the object of providing from its revenues the charges of the force permanently maintained, under the command of British officers at his capital, called the Hyderabad contingent. Under the treaty of assignment the Nizam was entitled to whatever surplus revenues remained after all necessary charges had been met. The province thus held in trust for the Nizam was administered by a Commissioner, under the immediate orders of the Resident at Hyderabad. Difficulties and differences arose between the British Government and the Nizam as to the rights and claims of the latter on behalf of Berar. But all these were put an end to in 1902 during the Viceroyalty of Lord Curzon when a settlement was concluded by which, while the nominal rights of Nizam's sovereignty over Berar are maintain-

in order to avoid the confusion which would have arisen from similarity of names, the North Western Provinces became the Province of Agra, and with Oudh, they are now known as the United Provinces of Agra and Oudh. After the Mutiny the territory formerly known as the Delhi territory was transferred from the North West Provinces to the Punjab and the province thus enlarged was placed under a Lieutenant Governor in 1859. The territorial division known as the Central Provinces was created in 1861 by detaching the Saugor and Nerbuda Territories from the North Western Provinces and adding to them the province of Nagpur. The Province thus constituted was placed in charge of a Chief Commissioner. The Burmese territories which had been ceded by the Court of Ava in 1825 and 1853 and which were placed under separate Commissioners directly subordinate to the Government of India, were, in 1862, amalgamated into the province called British Burma which was placed under a Chief Commissioner. After the last Burmese war, upper Burma was annexed in 1886 and this territory was joined to British Burma to form the Chief Commissioner-ship of Burma. It was made a Lieutenant Governorship in 1897. Berar was assigned to the British Government by the Nizam in 1853 with the object of providing from its revenues the charges of the force permanently maintained, under the command of British officers at his capital, called the Hyderabad contingent. Under the treaty of assignment the Nizam was entitled to whatever surplus revenues remained after all necessary charges had been met. The province thus held in trust for the Nizam was administered by a Commissioner, under the immediate orders of the Resident at Hyderabad. Difficulties and differences arose between the British Government and the Nizam as to the rights and claims of the latter on behalf of Berar. But all these were put an end to in 1902 during the Viceroyalty of Lord Curzon when a settlement was concluded by which, while the nominal rights of Nizam's sovereignty over Berar are maintain-

The following information is provided for the purpose of providing a general overview of the information contained in the report. It is not intended to provide a detailed description of the information contained in the report. The information is provided for the purpose of providing a general overview of the information contained in the report. It is not intended to provide a detailed description of the information contained in the report.

The following information is provided for the purpose of providing a general overview of the company's financial performance and position. The information is not intended to be a substitute for a full financial statement or other financial information. The information is provided for informational purposes only and should not be used for any other purpose.

ed, he receives from the British Government a fixed annual payment of 25 lakhs of rupees. For purposes of administration the province is attached to the Central Provinces. When Assam was acquired from the Burmese in 1824, it was attached to the province of Bengal where-from it was separated in 1874 and placed under a Chief Commissioner. In 1905 a large portion of the territory in the charge of the Lieutenant Governor of Bengal was added to the province of Assam and thus a new province styled Eastern Bengal and Assam was created and was made a Lieutenant Governorship. It had been felt for many years before that in spite of the creation of new divisions out of its territories, what remained of the province of Bengal under a Lieutenant Governor was too bulky and beyond that ruler to manage efficiently. Under a scheme conceived and carried out by Lord Curzon the province of Assam, with its population of sixty lakhs was united with the eastern territories of the province of Bengal as stated above. Still further changes were made in 1912 when the old province of Assam was reconstituted, the western half of the old province of Bengal was cut off to form a new province, that of Bihar and Orissa, and Eastern Bengal was reunited with the comparatively small area round Calcutta which alone had formed part of Bengal throughout all these changes, to form a new province of that name. At the great Durbar held at Delhi when Their Imperial Majesties the King-Emperor and the Queen-Empress visited India at the close of 1911, the announcement was made of the transfer of the seat of the Government of India from Calcutta to Delhi, the creation of a Governorship for the presidency of Bengal and of the new Lieutenant Governorship of Bihar and Orissa and the restoration of the Chief Commissionership of Assam. The North West Frontier Province was created in 1901 out of certain districts separated from the Punjab and some tracts lying upon the border. All foreign policy with respect to India is entirely in the hands of the Government of

ed, he receives from the British Government a fixed annual payment of 125 lakhs of rupees. For purposes of administration the province is attached to the Central Provinces. When Assam was acquired from the Burmese in 1824, it was attached to the province of Bengal wherefrom it was separated in 1874 and placed under a Chief Commissioner. In 1905 a large portion of the territory in the charge of the Lieutenant Governor of Bengal was added to the province of Assam and thus a new province styled Eastern Bengal and Assam was created and was made a Lieutenant Governorship. It had been felt for many years before that in spite of the creation of new divisions out of its territories, what remained of the province of Bengal under a Lieutenant Governor was too bulky and beyond that ruler to manage efficiently. Under a scheme conceived and carried out by Lord Curzon the province of Assam, with its population of sixty lakhs was united with the eastern territories of the province of Bengal as stated above. Still further changes were made in 1912 when the old province of Assam was reconstituted, the western half of the old province of Bengal was cut off to form a new province, that of Bihar and Orissa, and Eastern Bengal was reunited with the comparatively small area round Calcutta which alone had formed part of Bengal throughout all these changes, to form a new province of that name. At the great Durbar held at Delhi when Their Imperial Majesties the King-Emperor and the Queen-Empress visited India at the close of 1911, the announcement was made of the transfer of the seat of the Government of India from Calcutta to Delhi, the creation of a Governorship for the presidency of Bengal and of the new Lieutenant Governorship of Bihar and Orissa and the restoration of the Chief Commissionership of Assam. The North West Frontier Province was created in 1901 out of certain districts separated from the Punjab and some tracts lying upon the border. All foreign policy with respect to India is entirely in the hands of the Government of

India and this new province was constituted with the object of giving that Government direct control over the North West border where, from time to time, difficult questions arise with regard to the tribes occupying those parts and other powers beyond the border. The Chief Commissionership of British Baluchistan was created in 1889 out of Quetta purchased in 1876 from the Khan of Khelat and adjoining territory some of which was almost no man's land and some was acquired by treaty from Afghanistan. The small mountainous principality of Coorg in Southern India was annexed in 1834 and is now administered by the Resident at Mysore who is *ex-officio* Chief Commissioner. The British district of Ajmer-Merwara in Rajputana which was acquired in 1818, has for its Chief Commissioner the Agent to the Governor General in the Rajputana States. The Andaman and Nicobar Islands are under the Superintendent at Port Blair who is their Chief Commissioner. The province of Delhi, which came into existence on the 1st October 1912, consists of a part of what was formerly the Delhi district of the Punjab, lying to the west of the River Jumna and extending some distance north, south and west of the city of Delhi. The area of the province which is directly under the Government of India, is about 557 square miles, and the population 3,91,828.

To the list of territorial divisions of British India given at the close of the first chapter, must now be added the Imperial Province of Delhi which raises the total number of provinces to fifteen. The steps by which they came into being have been described above. The provinces vary in size, population and status. Some of them are small charges hardly worthy of the name of province but for the sake of convenience, we may say that British India is now divided into fifteen provinces each having its Local Government. All of them alike are under the superintendence and control of the Government of India but the degree in which

India and this new province was constituted with the object of giving that Government direct control over the North West border where, from time to time, difficult questions arise with regard to the tribes occupying those parts and other powers beyond the border. The Chief Commissionership of British Baluchistan was created in 1889 out of Quetta purchased in 1876 from the Khan of Khelat and adjoining territory some of which was almost no man's land and some was acquired by treaty from Afghanistan. The small mountainous principality of Coorg in Southern India was annexed in 1834 and is now administered by the Resident at Mysore who is *ex-officio* Chief Commissioner. The British district of Ajmer-Merwara in Rajputana which was acquired in 1818, has for its Chief Commissioner the Agent to the Governor General in the Rajputana States. The Andaman and Nicobar Islands are under the Superintendent at Port Blair who is their Chief Commissioner. The province of Delhi, which came into existence on the 1st October 1912, consists of a part of what was formerly the Delhi district of the Punjab, lying to the west of the River Jumna and extending some distance north, south and west of the city of Delhi. The area of the province which is directly under the Government of India, is about 557 square miles, and the population 3,91,828.

To the list of territorial divisions of British India given at the close of the first chapter, must now be added the Imperial Province of Delhi which raises the total number of provinces to fifteen. The steps by which they came into being have been described above. The provinces vary in size, population and status. Some of them are small charges hardly worthy of the name of province but for the sake of convenience, we may say that British India is now divided into fifteen provinces each having its Local Government. All of them alike are under the superintendence and control of the Government of India but the degree in which

The first of these is the fact that the human race is not a single homogeneous mass, but is composed of many distinct groups, each with its own characteristics. These groups are known as races, and they are distinguished from one another by their physical and mental traits. The second fact is that the human race is not static, but is constantly changing. This change is due to a variety of factors, including migration, interbreeding, and the influence of the environment. The third fact is that the human race is not equal, but is divided into different classes. These classes are distinguished by their social and economic status, and they are often the result of historical and cultural factors. The fourth fact is that the human race is not rational, but is often governed by emotions and instincts. This is particularly evident in the case of the lower races, who are often described as being more primitive and less developed than the higher races. The fifth fact is that the human race is not immortal, but is subject to the same laws of birth and death as all other living beings. This is a fundamental principle of biology, and it applies to all forms of life, including the human race. The sixth fact is that the human race is not isolated, but is in constant contact with other races. This contact is often the result of trade, migration, and other forms of interaction, and it leads to the exchange of ideas, customs, and goods. The seventh fact is that the human race is not perfect, but is constantly striving for improvement. This is a characteristic of all living beings, and it is particularly evident in the case of the human race, who are often described as being more progressive and more capable of learning than other races. The eighth fact is that the human race is not free, but is often subject to the control of other races. This is particularly evident in the case of the lower races, who are often described as being more dependent and less self-sufficient than the higher races. The ninth fact is that the human race is not eternal, but is subject to the same laws of time and space as all other living beings. This is a fundamental principle of physics, and it applies to all forms of life, including the human race. The tenth fact is that the human race is not divine, but is a part of the natural world. This is a fundamental principle of science, and it applies to all forms of life, including the human race.

The first of these is the fact that the human race is not a single homogeneous mass, but is composed of many distinct groups, each with its own characteristics. These groups are known as races, and they are distinguished from one another by their physical and mental traits. The second fact is that the human race is not static, but is constantly changing. This change is due to a variety of factors, including migration, interbreeding, and the influence of the environment. The third fact is that the human race is not equal, but is divided into different classes. These classes are distinguished by their social and economic status, and they are often the result of historical and cultural factors. The fourth fact is that the human race is not rational, but is often governed by emotions and instincts. This is particularly evident in the case of the lower races, who are often described as being more primitive and less developed than the higher races. The fifth fact is that the human race is not immortal, but is subject to the same laws of birth and death as all other living beings. This is a fundamental principle of biology, and it applies to all forms of life, including the human race. The sixth fact is that the human race is not isolated, but is in constant contact with other races. This contact is often the result of trade, migration, and other forms of interaction, and it leads to the exchange of ideas, customs, and goods. The seventh fact is that the human race is not perfect, but is constantly striving for improvement. This is a characteristic of all living beings, and it is particularly evident in the case of the human race, who are often described as being more progressive and more capable of learning than other races. The eighth fact is that the human race is not free, but is often subject to the control of other races. This is particularly evident in the case of the lower races, who are often described as being more dependent and less self-sufficient than the higher races. The ninth fact is that the human race is not eternal, but is subject to the same laws of time and space as all other living beings. This is a fundamental principle of physics, and it applies to all forms of life, including the human race. The tenth fact is that the human race is not divine, but is a part of the natural world. This is a fundamental principle of science, and it applies to all forms of life, including the human race.

that control is exercised differs in accordance with the differences in status between the Provincial Governments. The larger provinces, occupying a high status, are usually spoken of as major provinces and the rest as minor. Under the latter category come the North West Frontier Province, Baluchistan, Coorg, Ajmer, and the Andamans. We may enumerate here all the provinces of British India, major and minor.

Madras	Assam
Bombay	Central Provinces
Bengal	North West Provinces
Bihar and Orissa	Baluchistan
United Provinces	Coorg
Punjab	Ajmer
Burma	Andamans
Delhi	

It need hardly be recalled that the two provinces of Madras and Bombay have always occupied a special status as representing the old presidencies. They were originally independent of and on the same footing as the third presidency, *viz.* that of Fort William in Bengal till the latter was accorded by the Regulating Act a position of supremacy and control over the other Presidencies. Subsequent Acts enlarged the authority of the central Government, the Government of India, and they gradually came to be treated like the Governments of other provinces, the creatures of later legislation. By statute every Local Government is required to obey the orders of the Governor General-in-Council, and keep him constantly and punctually informed of its proceeding, and is under his superintendence and authority in all matters relating to the administration of its province. The two provinces, however, still retain certain vestiges of their separate origin and former independence and enjoy peculiar privileges denied to other pro-

100

that control is exercised differs in accordance with the differences in status between the Provincial Governments. The larger provinces, occupying a high status, are usually spoken of as major provinces and the rest as minor. Under the latter category come the North West Frontier Province, Baluchistan, Coorg, Ajmer, and the Andamans. We may enumerate here all the provinces of British India, major and minor.

Madras	Assam
Bombay	Central Provinces
Bengal	North West Provinces
Bihar and Orissa	Baluchistan
United Provinces	Coorg
Punjab	Ajmer
Burma	Andamans
Delhi	

It need hardly be recalled that the two provinces of Madras and Bombay have always occupied a special status as representing the old presidencies. They were originally independent of and on the same footing as the third presidency, *viz.* that of Fort William in Bengal till the latter was accorded by the Regulating Act a position of supremacy and control over the other Presidencies. Subsequent Acts enlarged the authority of the central Government, the Government of India, and they gradually came to be treated like the Governments of other provinces, the creatures of later legislation. By statute every Local Government is required to obey the orders of the Governor General-in-Council, and keep him constantly and punctually informed of its proceeding, and is under his superintendence and authority in all matters relating to the administration of its province. The two provinces, however, still retain certain vestiges of their separate origin and former independence and enjoy peculiar privileges denied to other pro-

vinces. They are under a Council Government consisting of a Governor, usually appointed from Home, with two civilian colleagues and an Indian member, who are nominated by the Crown on the advice of the Secretary of State. The Governors are appointed by the Crown and are usually chosen from among persons of high rank and administrative experience in the United Kingdom. The powers and duties of the two Governors-in-Council are regulated by Act of Parliament. They used formerly to exercise certain military control and authority but these were transferred to the Governor General-in-Council when the separate Madras and Bombay armies were abolished in 1893. The Governors, like the Governor General, have the power of overruling their Councils in special cases. Until 1909, the maximum number of the members of the Executive Councils was three and twelve years' previous service under the Crown in India was an essential qualification in every case. In practice each Council consisted of two members of the Indian Civil Service. The Commanders-in-Chief of the Madras and Bombay armies were always appointed extraordinary members of the Councils until the two Presidency armies were abolished. The Indian Councils Act, 1909, enacted that 'the number of ordinary members of the Councils of the Governors of Fort St. George and Bombay shall be such number not exceeding four as the Secretary of State-in-Council may from time to time direct, of whom two at least shall be persons who at the time of their appointment have been in the service of the Crown in India for at least twelve years. Pitt's Act of 1784 had provided for three Councillors of whom the Commander-in-Chief in the Presidency was to be one. This number was reduced to two in 1833, the original intention of the Act of the year being to abolish the Councils of the two minor presidencies. Under the provision of the Act of 1909, each of the two Councils, of Madras and Bombay, was enlarged next year, by the addition of an Indian member. The arrangements made for the

vinces. They are under a Council Government consisting of a Governor, usually appointed from Home, with two civilian colleagues and an Indian member, who are nominated by the Crown on the advice of the Secretary of State. The Governors are appointed by the Crown and are usually chosen from among persons of high rank and administrative experience in the United Kingdom. The powers and duties of the two Governors-in-Council are regulated by Act of Parliament. They used formerly to exercise certain military control and authority but these were transferred to the Governor General-in-Council when the separate Madras and Bombay armies were abolished in 1893. The Governors, like the Governor General, have the power of overruling their Councils in special cases. Until 1909, the maximum number of the members of the Executive Councils was three and twelve years' previous service under the Crown in India was an essential qualification in every case. In practice each Council consisted of two members of the Indian Civil Service. The Commanders-in-Chief of the Madras and Bombay armies were always appointed extraordinary members of the Councils until the two Presidency armies were abolished. The Indian Councils Act, 1909, enacted that 'the number of ordinary members of the Councils of the Governors of Fort St. George and Bombay shall be such number not exceeding four as the Secretary of State-in-Council may from time to time direct, of whom two at least shall be persons who at the time of their appointment have been in the service of the Crown in India for at least twelve years. Pitt's Act of 1784 had provided for three Councillors of whom the Commander-in-Chief in the Presidency was to be one. This number was reduced to two in 1833, the original intention of the Act of the year being to abolish the Councils of the two minor presidencies. Under the provision of the Act of 1909, each of the two Councils, of Madras and Bombay, was enlarged next year, by the addition of an Indian member. The arrangements made for the

disposal of business are on the same lines as those adopted by the Government of India. The Presidency Governments of Madras and Bombay have the right of direct correspondence with the Secretary of State, except in matters which raise financial issues, and can appeal to him against the orders of the Government of India; but such an appeal must go through, or be communicated to that Government. They have full discretion in the selection for certain important posts which in other provinces rests finally with the Government of India, *e. g.* nominations to the Board of Revenue in Madras and to the Provincial Legislative Councils, and the appointment of Chief and Superintending Engineers in the Public Works Department, and Conservators of Forests. They have likewise, in practice, a free hand in the details of their district Land Revenue Settlements which, in other provinces, are subject to control by the Government of India. Similarly, they are less supervised in forest administration. What has been said so far applies equally to the Government of Bengal which was placed in 1912 on the same footing as the Governments of the other two presidencies. The Government of India Act, 1912, enacted:—"It is hereby declared that the Governor and Governor-in-Council of the Presidency of Fort William in Bengal shall within that presidency delimited as aforesaid, have all the rights, duties, functions and immunities which the Governors and Governors-in-Council of the Presidencies of Fort St. George and Bombay respectively possess, and all enactments relating to the Governors of those Presidencies and the Councils (whether for executive or legislative purposes) thereof and the members of those Councils shall apply accordingly to the Governor of the Presidency of Fort William in Bengal and his Council and the members of that Council."

The circumstances under which the other provinces were created and the manner in which their Governments were

disposal of business are on the same lines as those adopted by the Government of India. The Presidency Governments of Madras and Bombay have the right of direct correspondence with the Secretary of State, except in matters which raise financial issues, and can appeal to him against the orders of the Government of India; but such an appeal must go through, or be communicated to that Government. They have full discretion in the selection for certain important posts which in other provinces rests finally with the Government of India, *e. g.* nominations to the Board of Revenue in Madras and to the Provincial Legislative Councils, and the appointment of Chief and Superintending Engineers in the Public Works Department, and Conservators of Forests. They have likewise, in practice, a free hand in the details of their district Land Revenue Settlements which, in other provinces, are subject to control by the Government of India. Similarly, they are less supervised in forest administration. What has been said so far applies equally to the Government of Bengal which was placed in 1912 on the same footing as the Governments of the other two presidencies. The Government of India Act, 1912, enacted:—"It is hereby declared that the Governor and Governor-in-Council of the Presidency of Fort William in Bengal shall within that presidency delimited as aforesaid, have all the rights, duties, functions and immunities which the Governors and Governors-in-Council of the Presidencies of Fort St. George and Bombay respectively possess, and all enactments relating to the Governors of those Presidencies and the Councils (whether for executive or legislative purposes) thereof and the members of those Councils shall apply accordingly to the Governor of the Presidency of Fort William in Bengal and his Council and the members of that Council."

The circumstances under which the other provinces were created and the manner in which their Governments were

The following information is provided for the purpose of providing information to the public. It is not intended to be used for any other purpose. The information is provided for the purpose of providing information to the public. It is not intended to be used for any other purpose. The information is provided for the purpose of providing information to the public. It is not intended to be used for any other purpose.

[illegible][illegible]

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

1. **Identify the main topic of the passage.**
 2. **Summarize the main idea in your own words.**
 3. **Identify the supporting details.**
 4. **Explain how the details support the main idea.**
 5. **Identify the author's purpose.**
 6. **Identify the author's tone.**
 7. **Identify the author's point of view.**
 8. **Identify the author's bias.**
 9. **Identify the author's audience.**
 10. **Identify the author's style.**

constituted have been described above. We have also pointed out how various Acts relating to the constitution of the Government of Indian territories provided for the creation of Governorships and Lieutenant-Governorships, how no new Governorship was created and how only Lieutenant-Governors were appointed to territories as they came under British sway. The Act of 1854 empowered the Governor General of India, with the sanction of the Home authorities, to take by proclamation under his immediate authority and management any part of the territories for the time being in the possession or under the Government of the East India Company and thereupon to give all necessary orders and directions respecting the administration of that part, or otherwise provide for its administration. This power has been exercised in the appointment of Chief Commissioners for Assam, Burma and the Central Provinces. The Act of 1861 also empowered the Governor General-in-Council, with the previous approval of the Secretary of State-in-Council, to constitute a new province for legislative purposes, and if necessary, appoint a Lieutenant-Governor for any such province. Until lately the Provincial Governments in British India could be classed as:—

- 1 The Presidency Governments of Madras and Bombay, administered by Governors with Executive as well as Legislative Councils.
- 2 The Lieutenant-Governorships of Bengal, the United Provinces, the Punjab and Burma having Legislative but not Executive Councils and
- 3 The Chief Commissionerships having neither Legislative nor Executive Councils.

A new type of provincial Government was created by the appointment in 1913 of an executive council to assist the Lieutenant Governor of Bengal. By the Indian Councils Act, 1909, power was taken for the Governor General-in-Council, with the approval of the Secretary of State-in-Council, to create an executive council, consisting of not more than four

constituted have been described above. We have also pointed out how various Acts relating to the constitution of the Government of Indian territories provided for the creation of Governorships and Lieutenant-Governorships, how no new Governorship was created and how only Lieutenant-Governors were appointed to territories as they came under British sway. The Act of 1854 empowered the Governor General of India, with the sanction of the Home authorities, to take by proclamation under his immediate authority and management any part of the territories for the time being in the possession or under the Government of the East India Company and thereupon to give all necessary orders and directions respecting the administration of that part, or otherwise provide for its administration. This power has been exercised in the appointment of Chief Commissioners for Assam, Burma and the Central Provinces. The Act of 1861 also empowered the Governor General-in-Council, with the previous approval of the Secretary of State-in-Council, to constitute a new province for legislative purposes, and if necessary, appoint a Lieutenant-Governor for any such province. Until lately the Provincial Governments in British India could be classed as:—

- 1 The Presidency Governments of Madras and Bombay, administered by Governors with Executive as well as Legislative Councils.
- 2 The Lieutenant-Governorships of Bengal, the United Provinces, the Punjab and Burma having Legislative but not Executive Councils and
- 3 The Chief Commissionerships having neither Legislative nor Executive Councils.

A new type of provincial Government was created by the appointment in 1913 of an executive council to assist the Lieutenant Governor of Bengal. By the Indian Councils Act, 1909, power was taken for the Governor General-in-Council, with the approval of the Secretary of State-in-Council, to create an executive council, consisting of not more than four

The following table shows the results of the regression analysis for the dependent variable "Number of children" (N = 1,000). The independent variables are "Age", "Gender", "Marital Status", and "Education". The table includes the coefficient estimates, standard errors, t-statistics, and p-values for each variable.

members, to assist the Lieutenant Governor of Bengal in the government of the province. Power was also taken to create a similar executive council in any other province under a Lieutenant Governor provided that in the case of such a council a draft of the proposed proclamation creating it must be laid before Parliament for not less than sixty days during the session, and if before the expiration of that time an address is presented to His Majesty by either House against the draft, no further proceedings thereon can be taken. The constitution and the system of work of the Bengal Executive Council, which was established in 1910 were the same as those in Madras and Bombay. As has been stated above, Bengal was placed upon a footing of equality with the sister Presidencies in 1912. The Government of India Act of that year made applicable to the newly constituted province of Bihar and Orissa the provisions of the Act of 1909 relating to the constitution of the Executive Council in Bengal. An executive council consisting of three members was thereupon established in Bihar and Orissa. The act of 1912 also empowered the Governor General-in-council to create a legislative council in any Chief commissionership and accordingly a legislative council was established in Assam in November, 1912.

The provinces of British India may now be reclassified as under, according to the status they occupy at the present moment and the constitution of their Governments.

PROVINCES.

- (1) Madras, Bombay and Bengal :
- (2) Bihar and Orissa :
- (3) United Provinces, Punjab and Burma :
- (4) Assam and Central Provinces :
- (5) British Baluchistan, The North West Frontier Province, Delhi and the rest:

CONSTITUTIONS.

Governors in Council ; executive as well as a legislative Council.
 Lieutenant Governor; an executive as well as a legislative Council.
 Lieutenant Governors; a legislative Council only.
 Chief Commissioner; a legislative Council only.
 Chief Commissioner; neither an executive nor a legislative Council.

information science is a discipline that is concerned with the study of the nature, structure, and use of information. It is a multidisciplinary field that draws on a variety of disciplines, including library science, communication, sociology, psychology, and computer science. The primary concern of information science is the study of the ways in which information is created, organized, stored, and communicated. This includes the study of the physical and social aspects of information, as well as the development of methods and techniques for the management of information. Information science is a dynamic and evolving field that is constantly adapting to new challenges and opportunities. It is a field that is essential for the development of a knowledge-based society and for the advancement of human knowledge.

The study of information science is a complex and multifaceted task. It requires a deep understanding of the various disciplines that contribute to the field, as well as a strong ability to analyze and synthesize information. Information science is a field that is constantly evolving, and it is essential for researchers to stay up-to-date on the latest developments in the field. This includes attending conferences, publishing research, and collaborating with other researchers. Information science is a field that is essential for the development of a knowledge-based society and for the advancement of human knowledge.

The study of information science is a complex and multifaceted task. It requires a deep understanding of the various disciplines that contribute to the field, as well as a strong ability to analyze and synthesize information. Information science is a field that is constantly evolving, and it is essential for researchers to stay up-to-date on the latest developments in the field. This includes attending conferences, publishing research, and collaborating with other researchers. Information science is a field that is essential for the development of a knowledge-based society and for the advancement of human knowledge.

Information science is a discipline that is concerned with the study of the nature, structure, and use of information.

It is a multidisciplinary field that draws on a variety of disciplines, including library science, communication, sociology, psychology, and computer science.

The primary concern of information science is the study of the ways in which information is created, organized, stored, and communicated.

This includes the study of the physical and social aspects of information, as well as the development of methods and techniques for the management of information.

Information science is a dynamic and evolving field that is constantly adapting to new challenges and opportunities.

It is a field that is essential for the development of a knowledge-based society and for the advancement of human knowledge.

The study of information science is a complex and multifaceted task.

It requires a deep understanding of the various disciplines that contribute to the field, as well as a strong ability to analyze and synthesize information.

Information science is a field that is constantly evolving, and it is essential for researchers to stay up-to-date on the latest developments in the field.

This includes attending conferences, publishing research, and collaborating with other researchers.

Information science is a field that is essential for the development of a knowledge-based society and for the advancement of human knowledge.

The study of information science is a complex and multifaceted task.

members, to assist the Lieutenant Governor of Bengal in the government of the province. Power was also taken to create a similar executive council in any other province under a Lieutenant Governor provided that in the case of such a council a draft of the proposed proclamation creating it must be laid before Parliament for not less than sixty days during the session, and if before the expiration of that time an address is presented to His Majesty by either House against the draft, no further proceedings thereon can be taken. The constitution and the system of work of the Bengal Executive Council, which was established in 1910 were the same as those in Madras and Bombay. As has been stated above, Bengal was placed upon a footing of equality with the sister Presidencies in 1912. The Government of India Act of that year made applicable to the newly constituted province of Bihar and Orissa the provisions of the Act of 1909 relating to the constitution of the Executive Council in Bengal. An executive council consisting of three members was thereupon established in Bihar and Orissa. The act of 1912 also empowered the Governor General-in-council to create a legislative council in any Chief commissionership and accordingly a legislative council was established in Assam in November, 1912.

The provinces of British India may now be reclassified as under, according to the status they occupy at the present moment and the constitution of their Governments.

PROVINCES.

- (1) Madras, Bombay and Bengal :
- (2) Bihar and Orissa :
- (3) United Provinces, Punjab and Burma :
- (4) Assam and Central Provinces :
- (5) British Baluchistan, The North West Frontier Province, Delhi and the rest:

CONSTITUTIONS.

Governors in Council ; executive as well as a legislative Council.
 Lieutenant Governor; an executive as well as a legislative Council.
 Lieutenant Governors; a legislative Council only.
 Chief Commissioner; a legislative Council only.
 Chief Commissioner; neither an executive nor a legislative Council.

Lieutenant Governors are appointed by the Viceroy subject to the approval of the Crown. They are selected from the members of the Indian Civil Service and must have been at least ten years in the service of the Crown in India. In the absence of Executive Councils they are assisted in regard to some of the most important branches of administration, by Boards of Revenue or Financial Commissioners. On the lowest rung of the ladder stand the Chief Commissioners, the territories under whose charge are, in theory, under the immediate authority and management of the Governor General who appoints the Chief Commissioners at his discretion and delegates to them such powers as he deems necessary. Yet in practice, the powers of some of the Chief Commissioners are hardly inferior to those of a Lieutenant Governor and a Chief Commissionership is as much a local Government as a Governorship or Lieutenant Governorship. 'Local Government' is defined in the Indian General Clauses Act (X of 1897) as meaning 'the person authorized by law to administer executive Government in the part of British India in which the Act or regulation containing the expression operates,' and as including a Chief Commissioner. In all the major provinces, the work of Government is distributed among different departments dealing with the principal heads of internal administration such as Revenue, Judicial and Police, Local and Municipal, Financial, Public works, and Education. The Chief Engineers in the Public Works Department are also Secretaries or Joint Secretaries to the Local Government, while matters relating to the other Departments are dealt with by Secretaries and Under Secretaries drawn from the Indian Civil Service. There are three Civilian Secretaries in each province (there are two in the Punjab) and the distribution of the various Departments between these varies according to local circumstances, and may change at different times in the same province. The senior Civilian Secretary is called the Chief Secretary, and the other Secretaries

Lieutenant Governors are appointed by the Viceroy subject to the approval of the Crown. They are selected from the members of the Indian Civil Service and must have been at least ten years in the service of the Crown in India. In the absence of Executive Councils they are assisted in regard to some of the most important branches of administration, by Boards of Revenue or Financial Commissioners. On the lowest rung of the ladder stand the Chief Commissioners, the territories under whose charge are, in theory, under the immediate authority and management of the Governor General who appoints the Chief Commissioners at his discretion and delegates to them such powers as he deems necessary. Yet in practice, the powers of some of the Chief Commissioners are hardly inferior to those of a Lieutenant Governor and a Chief Commissionership is as much a local Government as a Governorship or Lieutenant Governorship. 'Local Government' is defined in the Indian General Clauses Act (X of 1897) as meaning 'the person authorized by law to administer executive Government in the part of British India in which the Act or regulation containing the expression operates,' and as including a Chief Commissioner. In all the major provinces, the work of Government is distributed among different departments dealing with the principal heads of internal administration such as Revenue, Judicial and Police, Local and Municipal, Financial, Public works, and Education. The Chief Engineers in the Public Works Department are also Secretaries or Joint Secretaries to the Local Government, while matters relating to the other Departments are dealt with by Secretaries and Under Secretaries drawn from the Indian Civil Service. There are three Civilian Secretaries in each province (there are two in the Punjab) and the distribution of the various Departments between these varies according to local circumstances, and may change at different times in the same province. The senior Civilian Secretary is called the Chief Secretary, and the other Secretaries

usually draw their designation from one of the principal departments with which they are concerned. The organization of the Secretariats in the provinces is on much the same lines as in the Government of India, and cases are noted on and recorded in a similar way.

Something must be said here about the distinction—at one time real and important but now of little practical force—between what are called the Regulation and Non-regulation provinces. Under the first category came Madras, Bengal, Bombay excepting Sind and the United Provinces while the remaining provinces were relegated to the second class. The regulations concerned are the enactments of the Government which, for many years, constituted the body of public law. The Act passed by Parliament in 1773 amended by the Act of 1781 conferred upon the Governor General-in-Council at Fort William in Bengal power to make rules and regulations for the good government of the settlement. Later on similar power was conferred upon the Governments of the other presidencies which issued their own regulations. This latter power was, however, withdrawn when in 1833 the Government of Bengal was made the Government of India and was empowered to make laws for the whole of British India. With the creation of a Legislative Council of India by the Act of 1853, this system came to an end. These Regulations of the Government of India provide, among other things, for the establishment of courts of justice and lay down definite procedure for courts. It was, however, found that the procedure so prescribed was too complicated and inconvenient, borrowed as it had been from the English system, and many territories acquired from time to time were never brought under their operation and were placed under a simpler system. These provinces were not noticed specifically by Acts of Parliament as they were supposed to form part of one of the presidencies which

usually draw their designation from one of the principal departments with which they are concerned. The organization of the Secretariats in the provinces is on much the same lines as in the Government of India, and cases are noted on and recorded in a similar way.

Something must be said here about the distinction—at one time real and important but now of little practical force—between what are called the Regulation and Non-regulation provinces. Under the first category came Madras, Bengal, Bombay excepting Sind and the United Provinces while the remaining provinces were relegated to the second class. The regulations concerned are the enactments of the Government which, for many years, constituted the body of public law. The Act passed by Parliament in 1773 amended by the Act of 1781 conferred upon the Governor General-in-Council at Fort William in Bengal power to make rules and regulations for the good government of the settlement. Later on similar power was conferred upon the Governments of the other presidencies which issued their own regulations. This latter power was, however, withdrawn when in 1833 the Government of Bengal was made the Government of India and was empowered to make laws for the whole of British India. With the creation of a Legislative Council of India by the Act of 1853, this system came to an end. These Regulations of the Government of India provide, among other things, for the establishment of courts of justice and lay down definite procedure for courts. It was, however, found that the procedure so prescribed was too complicated and inconvenient, borrowed as it had been from the English system, and many territories acquired from time to time were never brought under their operation and were placed under a simpler system. These provinces were not noticed specifically by Acts of Parliament as they were supposed to form part of one of the presidencies which

alone were recognized. Thus the distinction between Regulation and Non-regulation provinces arose. The latter were ruled, at the outset, by simpler codes and with a greater centralization of functions in the hands of the district officers, who were recruited not merely from the Covenanted (now Indian) Civil Service but also from the army and other sources. In all the Non-regulation provinces a new designation was adopted for the district officers. Thus they differed from the Regulation provinces or presidencies, both as to the system of law under which they were governed, and the form and composition of the administrative agency. The Non-regulation provinces, as has been said above, had no statutory recognition for a long time till the Act of 1861 gave retrospective validity to all legislation carried out by the Government of India in regard to them. They then came to occupy a definite position by the side of the presidencies, and the old distinction between them and the regulated provinces faded away when the Governor General's Council legislated for the whole of India and its Acts assumed general applicability. Now the two classes of provinces are administered almost on the same lines and the main distinctions still surviving are that in the Non-regulation provinces, the district officers are termed Deputy, and Assistant or Extra Assistant, Commissioners, instead of Collectors and Assistant or Deputy Collectors. The principal court of criminal and civil jurisdiction is there a Chief Court or a Commissioner, and not a Chartered High Court; and a number of military officers are still employed in the civil administration of Burma, Assam and the Punjab.

The Governor General-in-Council being responsible for the entire administration of British India, his control and supervision over the Provincial Governments are very large. Amongst the important matters the Government of India retain in their own hands are those relating to foreign

alone were recognized. Thus the distinction between Regulation and Non-regulation provinces arose. The latter were ruled, at the outset, by simpler codes and with a greater centralization of functions in the hands of the district officers, who were recruited not merely from the Covenanted (now Indian) Civil Service but also from the army and other sources. In all the Non-regulation provinces a new designation was adopted for the district officers. Thus they differed from the Regulation provinces or presidencies, both as to the system of law under which they were governed, and the form and composition of the administrative agency. The Non-regulation provinces, as has been said above, had no statutory recognition for a long time till the Act of 1861 gave retrospective validity to all legislation carried out by the Government of India in regard to them. They then came to occupy a definite position by the side of the presidencies, and the old distinction between them and the regulated provinces faded away when the Governor General's Council legislated for the whole of India and its Acts assumed general applicability. Now the two classes of provinces are administered almost on the same lines and the main distinctions still surviving are that in the Non-regulation provinces, the district officers are termed Deputy, and Assistant or Extra Assistant, Commissioners, instead of Collectors and Assistant or Deputy Collectors. The principal court of criminal and civil jurisdiction is there a Chief Court or a Commissioner, and not a Chartered High Court; and a number of military officers are still employed in the civil administration of Burma, Assam and the Punjab.

The Governor General-in-Council being responsible for the entire administration of British India, his control and supervision over the Provincial Governments are very large. Amongst the important matters the Government of India retain in their own hands are those relating to foreign

affairs, the defences of the country, general taxation, currency, debt, tariffs, posts and telegraphs, railways and accounts and auditing. To the share of the Provincial Governments fall ordinary internal administration, police, civil and criminal justice, prisons, the assessment and collection of the revenues, education, medical and sanitary arrangements, irrigation, buildings and roads, forests and the control over municipal and rural boards. But even in these matters a general and constant control is exercised by the Supreme Government who lay down lines of general policy and test their application from the administration reports and returns relating to the departments under the Local Governments. Questions of policy or of special importance are submitted by the Provincial Governments for the orders of the Governor General-in-Council. The financial powers of the Local Governments, in particular, are limited by definite and strict rules. The Government of India employs, besides the controlling officers for departments which it directly administers, inspecting or advisory officers for some of the departments which are primarily left to the Local Governments, such as the Inspector General of Forests and the Director General of Archaeology. There is, moreover, a wide field of appeal to the Government of India from officials or private persons who may consider themselves aggrieved by the action of a Local Government. The control of the Government of India is not confined to the prescription of policy and to action taken upon reports and inspections. They scrutinize, and where necessary, modify the annual budgets of the Provincial Governments. Every newly created appointment of importance and every large addition even to minor establishments must be specifically approved by the Supreme Government. Under these circumstances, there is very little power of initiation left to the Local Governments who must submit each and every matter for the approval of the Government of India. The Provincial Governments act, in fact, as the agents of the

1990 - 1991: The first year of the project, which was a pilot study. The project was funded by the National Science Foundation (NSF) and the National Endowment for the Humanities (NEH). The project was led by the principal investigator, who was a professor of history at the University of California, Berkeley. The project was a collaboration between the principal investigator and a number of other scholars, including a historian of science and a philosopher of science. The project was a pilot study, and the results were not published.

affairs, the defences of the country, general taxation, currency, debt, tariffs, posts and telegraphs, railways and accounts and auditing. To the share of the Provincial Governments fall ordinary internal administration, police, civil and criminal justice, prisons, the assessment and collection of the revenues, education, medical and sanitary arrangements, irrigation, buildings and roads, forests and the control over municipal and rural boards. But even in these matters a general and constant control is exercised by the Supreme Government who lay down lines of general policy and test their application from the administration reports and returns relating to the departments under the Local Governments. Questions of policy or of special importance are submitted by the Provincial Governments for the orders of the Governor General-in-Council. The financial powers of the Local Governments, in particular, are limited by definite and strict rules. The Government of India employs, besides the controlling officers for departments which it directly administers, inspecting or advisory officers for some of the departments which are primarily left to the Local Governments, such as the Inspector General of Forests and the Director General of Archæology. There is, moreover, a wide field of appeal to the Government of India from officials or private persons who may consider themselves aggrieved by the action of a Local Government. The control of the Government of India is not confined to the prescription of policy and to action taken upon reports and inspections. They scrutinize, and where necessary, modify the annual budgets of the Provincial Governments. Every newly created appointment of importance and every large addition even to minor establishments must be specifically approved by the Supreme Government. Under these circumstances, there is very little power of initiation left to the Local Governments who must submit each and every matter for the approval of the Government of India. The Provincial Governments act, in fact, as the agents of the

Supreme Government. It is very difficult to draw a clear line of demarkation between the provinces of the two Governments and say exactly where the one ends and the other begins. In a despatch accompanying the Government of India Act, 1833, addressed by the Court of Directors to the Government of India and dated 10th December 1834, the Court attempted to bring home to the Indian Government the onerous responsibility devolved upon them by saying:—‘The whole Civil and Military Government of India is in your hands, and for what is good or evil in the administration of it, the honour or dishonour will rebound upon you’. They further stated :—‘With respect to the other powers (besides the legislative) which you are called upon to exercise, it will be incumbent upon you to draw, with much discrimination and reflection, the correct line between the functions which properly belong to a local and subordinate Government and those which belong to the General Government ruling over and superintending the whole’. The Court of Directors relied, for the smooth working of the administrative machinery, upon the wisdom and moderation of the supreme authority and also of the subordinate authorities. In another despatch to the Government of India dated 28th March, 1838, the Court of Directors say :—“Although a minute interference on your part in the details of the local administration of the subordinate presidencies is neither desirable nor practicable, yet we should hold you but ill acquitted towards those whose interests are committed to your charge, if you should allow to pass without comment and, if necessary, without effective interference, any measures having, in your opinion, an injurious tendency either to one Presidency or to the Empire at large.” The Commission on Decentralization observes in this connection :—“It is easy to say that the Central Government should confine itself to laying down general principles, and that the detailed application of these should be left in the hands of the Subordinate Govern-

Abstract *Background:* The use of mobile phones in health care is increasing. However, little is known about the use of mobile phones in health care in the United Kingdom. *Objective:* To explore the use of mobile phones in health care in the United Kingdom. *Methods:* A survey of 1000 health care professionals in the United Kingdom. *Results:* The majority of health care professionals (80%) use mobile phones. The most common use of mobile phones is for communication (80%). The most common use of mobile phones is for communication (80%). The most common use of mobile phones is for communication (80%). *Conclusion:* The use of mobile phones in health care is increasing. However, little is known about the use of mobile phones in health care in the United Kingdom.

Supreme Government. It is very difficult to draw a clear line of demarkation between the provinces of the two Governments and say exactly where the one ends and the other begins. In a despatch accompanying the Government of India Act, 1833, addressed by the Court of Directors to the Government of India and dated 10th December 1834, the Court attempted to bring home to the Indian Government the onerous responsibility devolved upon them by saying:—‘The whole Civil and Military Government of India is in your hands, and for what is good or evil in the administration of it, the honour or dishonour will rebound upon you’. They further stated :—‘With respect to the other powers (besides the legislative) which you are called upon to exercise, it will be incumbent upon you to draw, with much discrimination and reflection, the correct line between the functions which properly belong to a local and subordinate Government and those which belong to the General Government ruling over and superintending the whole’. The Court of Directors relied, for the smooth working of the administrative machinery, upon the wisdom and moderation of the supreme authority and also of the subordinate authorities. In another despatch to the Government of India dated 28th March, 1838, the Court of Directors say :—“Although a minute interference on your part in the details of the local administration of the subordinate presidencies is neither desirable nor practicable, yet we should hold you but ill acquitted towards those whose interests are committed to your charge, if you should allow to pass without comment and, if necessary, without effective interference, any measures having, in your opinion, an injurious tendency either to one Presidency or to the Empire at large.” The Commission on Decentralization observes in this connection :—“It is easy to say that the Central Government should confine itself to laying down general principles, and that the detailed application of these should be left in the hands of the Subordinate Govern-

ments ; but in practice it is sometimes extremely difficult to say what are mere details, and whether these may not affect the application of a principle. Again, what is normally a detail, properly left to a Local Government, may, at a period of political stress, or under altered circumstances, become a matter in which the Government of India, and even the Secretary of State, must assert their responsibilities. It is, therefore, of paramount importance that the relations between the Government of India and the Provincial Governments should be readily adaptable to new or changing conditions, and should not be stereotyped by anything in the nature of a rigid constitution. It is essential to remember that the mutual relations of the Indian Governments are not those of States or Colonies voluntarily associated in a federal system where a written constitution is necessary to preserve original rights of the contracting parties. In India the Provincial Governments are, and should remain, subject to the general control of the Government of India in all respects, and their functions and powers should be variable by the Central Government or by the Secretary of State as circumstances require."

The Royal Commission on Decentralization observed that though much had been done in the past in the direction of decentralization, both the Government of India and the Provincial Governments had been too much dominated by considerations of administrative efficiency. Too little regard had been paid to the importance of developing a strong sense of responsibility amongst their subordinate agents and of giving sufficient weight to local sentiments and traditions. The Commission recommended that future policy should be directed to steadily enlarging the sphere of detailed administration entrusted to Provincial Governments and of recognizing that they must definitely dispose of an increasing share of the ordinary work of Government. It is a constant complaint

ments ; but in practice it is sometimes extremely difficult to say what are mere details, and whether these may not affect the application of a principle. Again, what is normally a detail, properly left to a Local Government, may, at a period of political stress, or under altered circumstances, become a matter in which the Government of India, and even the Secretary of State, must assert their responsibilities. It is, therefore, of paramount importance that the relations between the Government of India and the Provincial Governments should be readily adaptable to new or changing conditions, and should not be stereotyped by anything in the nature of a rigid constitution. It is essential to remember that the mutual relations of the Indian Governments are not those of States or Colonies voluntarily associated in a federal system where a written constitution is necessary to preserve original rights of the contracting parties. In India the Provincial Governments are, and should remain, subject to the general control of the Government of India in all respects, and their functions and powers should be variable by the Central Government or by the Secretary of State as circumstances require."

The Royal Commission on Decentralization observed that though much had been done in the past in the direction of decentralization, both the Government of India and the Provincial Governments had been too much dominated by considerations of administrative efficiency. Too little regard had been paid to the importance of developing a strong sense of responsibility amongst their subordinate agents and of giving sufficient weight to local sentiments and traditions. The Commission recommended that future policy should be directed to steadily enlarging the sphere of detailed administration entrusted to Provincial Governments and of recognizing that they must definitely dispose of an increasing share of the ordinary work of Government. It is a constant complain

[illegible]

of the Provincial Governments that there has been an excessive interference by the Supreme Government in matters of detail. The interference of the Government of India in local affairs is exercised in the name of efficient supervision or co-ordination or uniformity but it leads to unnecessary delays and correspondence which are most harrassing. How strong is the feeling of Provincial Governments in this matter may be seen from the remarks made by the Government of Bombay in their note submitted to the Decentralization Commission. They say that they were reduced to the position of a forwarding agency, with consequent loss of responsibility and were deprived of all initiative by the attempts to enforce an undesirable and impracticable standard of uniformity throughout the continent of India. 'A government not entrusted with the power to decide whether one of its servants may make a certain investment without infringing the spirit of the Public Servants' Rules, or to settle whether a mining concession may be allowed in a Native State under its control, not permitted to appoint a watchman on Rs. 10, debarred from sanctioning a sum of Rs. 8 to meet expenses incurred by a lady doctor, deprived of final discretion in settling the number of police orderlies to be attached to its police school and liable to be over-ruled on the situation of a stair-case erected in a Government bungalow, and on the rent charge to be levied from the occupant, is evidently an expensive and useless excrescence upon the system of administration in India. It should be either given further powers or abolished in favour of a single officer with limited authority.' If a Government of the status of the Government of Bombay feels called upon to lodge an angry protest in this strain against the vexatious interference of a distant authority, we may well conceive how rigorous must be the control of the Supreme Government over other Provincial Governments and administrations. The whole question of the control of the Government of India over Local Governments and the

of the Provincial Governments that there has been an excessive interference by the Supreme Government in matters of detail. The interference of the Government of India in local affairs is exercised in the name of efficient supervision or co-ordination or uniformity but it leads to unnecessary delays and correspondence which are most harrassing. How strong is the feeling of Provincial Governments in this matter may be seen from the remarks made by the Government of Bombay in their note submitted to the Decentralization Commission. They say that they were reduced to the position of a forwarding agency, with consequent loss of responsibility and were deprived of all initiative by the attempts to enforce an undesirable and impracticable standard of uniformity throughout the continent of India. 'A government not entrusted with the power to decide whether one of its servants may make a certain investment without infringing the spirit of the Public Servants' Rules, or to settle whether a mining concession may be allowed in a Native State under its control, not permitted to appoint a watchman on Rs. 10, debarred from sanctioning a sum of Rs. 8 to meet expenses incurred by a lady doctor, deprived of final discretion in settling the number of police orderlies to be attached to its police school and liable to be over-ruled on the situation of a stair-case erected in a Government bungalow, and on the rent charge to be levied from the occupant, is evidently an expensive and useless excrescence upon the system of administration in India. It should be either given further powers or abolished in favour of a single officer with limited authority.' If a Government of the status of the Government of Bombay feels called upon to lodge an angry protest in this strain against the vexatious interference of a distant authority, we may well conceive how rigorous must be the control of the Supreme Government over other Provincial Governments and administrations. The whole question of the control of the Government of India over Local Governments and the

principles which regulate their mutual relations, is a ticklish one. The former are inclined to take the view that the control they usually exercise is absolutely essential and by no means embarrassing or harrassing while the latter believe that they are reduced to the position of mere agents carrying out the behests of higher authorities. In his examination before the Decentralization Commission Sir Herbert Risley was asked to state the policy of the Supreme Government in this connection. The questions and answers are interesting.

Q. In other words, the Government of India lay down the general principles, and the Local Government is responsible for carrying them out ?

A. Yes ; but I should like to point out that you have not here the guiding factors which you have in certain other cases of Federal Governments. Where you have a Federal Government, which consists of so many sovereign States, those sovereign States gave up this and that and the other defined functions and kept everything else, which makes the matter so much clearer. That is not the case in India. The Local Governments were never sovereign and independent. From 1833 upto the time of the Strachey decentralizations, the Government of India had every thing in their own hands, and no Local Government could create the smallest appointment without sanction. Since then the Government of India has surrendered many functions, but each surrender requires a separate order, since the residuary authority rests with the Government of India and not with the Local Governments, as is the case in most federations.

Q. Would the policy of the Government of India come to this that they lay down general principles and are prepared to trust the Local Governments to give expression to them ?

principles which regulate their mutual relations, is a ticklish one. The former are inclined to take the view that the control they usually exercise is absolutely essential and by no means embarrassing or harrassing while the latter believe that they are reduced to the position of mere agents carrying out the behests of higher authorities. In his examination before the Decentralization Commission Sir Herbert Risley was asked to state the policy of the Supreme Government in this connection. The questions and answers are interesting.

Q. In other words, the Government of India lay down the general principles, and the Local Government is responsible for carrying them out ?

A. Yes ; but I should like to point out that you have not here the guiding factors which you have in certain other cases of Federal Governments. Where you have a Federal Government, which consists of so many sovereign States, those sovereign States gave up this and that and the other defined functions and kept everything else, which makes the matter so much clearer. That is not the case in India. The Local Governments were never sovereign and independent. From 1833 upto the time of the Strachey decentralizations, the Government of India had every thing in their own hands, and no Local Government could create the smallest appointment without sanction. Since then the Government of India has surrendered many functions, but each surrender requires a separate order, since the residuary authority rests with the Government of India and not with the Local Governments, as is the case in most federations.

Q. Would the policy of the Government of India come to this that they lay down general principles and are prepared to trust the Local Governments to give expression to them ?

A. Yes, that is the theory. It is not so easy to apply it in practice.

Q. Without interfering in every detail of interpretation, would that be the position?

A. That is the difficulty. But the interference is only occasional.

1. The following information is being furnished to you for your information only and is not to be used for any other purpose.

2. This information is being furnished to you for your information only and is not to be used for any other purpose.

3. This information is being furnished to you for your information only and is not to be used for any other purpose.

-

A. Yes, that is the theory. It is not so easy to apply it in practice.

Q. Without interfering in every detail of interpretation, would that be the position?

A. That is the difficulty. But the interference is only occasional.

CHAPTER V.



DISTRICT ADMINISTRATION.

WE have so far described those parts of the machinery of Indian administration in which resides the chief motive power, on a larger or smaller scale, and pointed out the interaction of these main pieces of that stupendous mechanism. It will be our duty now to deal with the other parts of the machinery which, though less powerful and imposing, have yet an important bearing upon the condition of the mass of people whose good is the ultimate aim and test of every Government. The man in the street knows little about the Secretary of State, the Supreme Government and even the Provincial Government. Though the motive force which drives the smallest and most distant wheels of Government is primarily derived from these higher authorities, the common people are more concerned with the district administration with which they come daily and directly in contact rather than with the exalted seats of power. The weal or woe of the ordinary subject depends mainly on the system of administration that obtains in the small town and village and upon the persons who carry it on. That is the most desirable form of government in which the administration is carried on strictly in harmony with the needs and ideas and sentiments of the people governed, expressed through their accredited representatives. Modern tendencies are evidently moving in the direction of forms of government which place the fullest powers as low down in the administrative scale (i. e. as near the section of the population immediately affected) as can safely be arranged, such powers alone being centralized as can-

CHAPTER V.



DISTRICT ADMINISTRATION.

WE have so far described those parts of the machinery of Indian administration in which resides the chief motive power, on a larger or smaller scale, and pointed out the interaction of these main pieces of that stupendous mechanism. It will be our duty now to deal with the other parts of the machinery which, though less powerful and imposing, have yet an important bearing upon the condition of the mass of people whose good is the ultimate aim and test of every Government. The man in the street knows little about the Secretary of State, the Supreme Government and even the Provincial Government. Though the motive force which drives the smallest and most distant wheels of Government is primarily derived from these higher authorities, the common people are more concerned with the district administration with which they come daily and directly in contact rather than with the exalted seats of power. The weal or woe of the ordinary subject depends mainly on the system of administration that obtains in the small town and village and upon the persons who carry it on. That is the most desirable form of government in which the administration is carried on strictly in harmony with the needs and ideas and sentiments of the people governed, expressed through their accredited representatives. Modern tendencies are evidently moving in the direction of forms of government which place the fullest powers as low down in the administrative scale (i. e. as near the section of the population immediately affected) as can safely be arranged, such powers alone being centralized as can-

not be efficiently exercised otherwise.' In the last chapter, the powers and functions as also the mutual relations of the Government of India and of the Local Governments have been described and it must have been perceived that under the control exercised by the Supreme Government in matters of finance and administration, the latter have been reduced to a condition of helpless dependence. "In administrative matters they have but little real independence of action, and are subjected to constant interference on the part of the controlling departments of the Government of India. Financially, they administer the revenues but only in the name and on behalf of the Government of India and have in their own provincial sphere absolutely no responsibility beyond that of spending departments. And even in respect of their provincial expenditure, their proceedings are under the watchful supervision of the financial department of the Imperial Government exercised through the Comptroller and Auditor General and the Accountants General at the provincial capitals. They cannot tax ; they cannot borrow ; they cannot increase their provincial expenditure beyond the limit of their assignments ; they cannot undertake any new service or duty ; they cannot change or modify their revenue management in any particular, nor can they create or abolish any class or grade of officers without the sanction of the Government of India."* While on the one hand a stupendous system of centralized administration has grown up, deriving its life and motive force from a single centre at the top, there has been a serious weakening of administrative authority and independent initiative at the various local centres at which the administration is in the closest contact with local conditions, needs and sentiments, viz. the province, the district and the village.

* Writings and Speeches of Hon'ble Rao Bahadur G. V. Joshi, B. A.



The first step in the process of developing a curriculum is to identify the needs of the students. This involves a thorough analysis of the current curriculum and the identification of gaps and areas for improvement. The next step is to set clear learning objectives and outcomes. These should be specific, measurable, and achievable. The third step is to select appropriate content and materials. This should be based on the learning objectives and the needs of the students. The fourth step is to design the curriculum, including the selection of activities, assessments, and resources. The final step is to implement the curriculum and evaluate its effectiveness. This involves ongoing assessment and feedback from students and faculty.

not be efficiently exercised otherwise.' In the last chapter, the powers and functions as also the mutual relations of the Government of India and of the Local Governments have been described and it must have been perceived that under the control exercised by the Supreme Government in matters of finance and administration, the latter have been reduced to a condition of helpless dependence. "In administrative matters they have but little real independence of action, and are subjected to constant interference on the part of the controlling departments of the Government of India. Financially, they administer the revenues but only in the name and on behalf of the Government of India and have in their own provincial sphere absolutely no responsibility beyond that of spending departments. And even in respect of their provincial expenditure, their proceedings are under the watchful supervision of the financial department of the Imperial Government exercised through the Comptroller and Auditor General and the Accountants General at the provincial capitals. They cannot tax ; they cannot borrow ; they cannot increase their provincial expenditure beyond the limit of their assignments ; they cannot undertake any new service or duty ; they cannot change or modify their revenue management in any particular, nor can they create or abolish any class or grade of officers without the sanction of the Government of India."* While on the one hand a stupendous system of centralized administration has grown up, deriving its life and motive force from a single centre at the top, there has been a serious weakening of administrative authority and independent initiative at the various local centres at which the administration is in the closest contact with local conditions, needs and sentiments, *viz.* the province, the district and the village.

* Writings and Speeches of Hon'ble Rao Bahadur G. V. Joshi, B. A.

Enough has now been said about the question of centralization of authority in the hands of the Government of India and of the state of dependence to which the Local Governments have been reduced. But the problem of government conducive to the wellbeing and progress of the mass of people will not be solved by the mere transference of authority from one centre to the other, say from Delhi or Simla to Bombay. If it may be claimed on behalf of Provincial Governments that their officials have the advantage of more intimate knowledge of local conditions and local needs, it may be urged on the side of the Supreme Government that they enjoy a much greater freedom from local prejudices and local prepossessions and a wider outlook—qualities which are very important in a country like India. While therefore a considerable measure of decentralization is essential with a view to strengthen the hands of Local Governments so as to enable them to take measures which are calculated to promote the welfare of the people immediately entrusted to their charge, the place of the Imperial control that is removed must be taken up to a substantial extent by popular control exercised not only in the Provincial Legislative Councils but also in the District Councils that must be formed for the purpose of assisting the Collector in the matter of district administration. One grave defect of the present system of district administration is that it is not in touch with popular opinion, much less is it amenable to popular control. The need of decentralization in district administration is great, but it must be decentralization accompanied by measures for larger association of popular representatives with the work of the administration.* The mere delegation of more power to the Collector of the district will not do. 'The only remedy lies in carrying a substantial measure of decentralization down to the villages and in building up local self-government from there.'*

* Gokhale's Speeches : Appendix, page 176.

Enough has now been said about the question of centralization of authority in the hands of the Government of India and of the state of dependence to which the Local Governments have been reduced. But the problem of government conducive to the wellbeing and progress of the mass of people will not be solved by the mere transference of authority from one centre to the other, say from Delhi or Simla to Bombay. If it may be claimed on behalf of Provincial Governments that their officials have the advantage of more intimate knowledge of local conditions and local needs, it may be urged on the side of the Supreme Government that they enjoy a much greater freedom from local prejudices and local prepossessions and a wider outlook—qualities which are very important in a country like India. While therefore a considerable measure of decentralization is essential with a view to strengthen the hands of Local Governments so as to enable them to take measures which are calculated to promote the welfare of the people immediately entrusted to their charge, the place of the Imperial control that is removed must be taken up to a substantial extent by popular control exercised not only in the Provincial Legislative Councils but also in the District Councils that must be formed for the purpose of assisting the Collector in the matter of district administration. One grave defect of the present system of district administration is that it is not in touch with popular opinion, much less is it amenable to popular control. The need of decentralization in district administration is great, 'but it must be decentralization accompanied by measures for larger association of popular representatives with the work of the administration'.* The mere delegation of more power to the Collector of the district will not do. 'The only remedy lies in carrying a substantial measure of decentralization down to the villages and in building up local self-government from there.'*

* Gokhale's Speeches : Appendix, page 176.

The principal unit of administration in British India is the district of which there are some 267, and a province may be regarded as a collection of several districts which are themselves split into subdivisions and these again into smaller circles. The system of administration is thus based upon a repeated subdivision of territory, each administrative area being in the responsible charge of an officer who is subordinate to the officer next in rank above him. The average area of a district is over 4,000 square miles, and the average population over 9,00,000. The actual districts vary greatly in size and density of population. They are largest, in point of area, in Burma and Madras, and smallest in the United Provinces. Thus the Vizagapatam district, in Madras, has an area of 17,233 square miles with a population of over thirty lakhs; the Upper Chindwin district in Burma, has an even larger area, of over 20,000 square miles, but a population of only 1,70,000; while the Mymensingh district in Eastern Bengal, has a population of over 45 lakhs on an area of 6,347 square miles. Each district is under a Collector (styled Deputy Commissioner in the Non-regulation provinces) who is the local representative of Government in its general dealings with the people and as his two-fold appellation Collector-Magistrate indicates, he is both the principal revenue official and the chief Magistrate. The duties he has to perform are manifold—almost bewilderingly manifold. As Collector, he is not merely responsible for the collection of most branches of the revenue but is concerned with the various relations existing between Government and the agricultural classes, which represent two-thirds of the total population in British India. Thus he is concerned with questions relating to the registration, alteration, relinquishment or partition of land holdings, which pay revenue direct to the Government, and, in the greater part of India, has to deal in these respects, with an immense number of petty peasant proprietors. He is, likewise, in most provinces, concerned with the adju-

The principal unit of administration in British India is the district of which there are some 267, and a province may be regarded as a collection of several districts which are themselves split into subdivisions and these again into smaller circles. The system of administration is thus based upon a repeated subdivision of territory, each administrative area being in the responsible charge of an officer who is subordinate to the officer next in rank above him. The average area of a district is over 4,000 square miles, and the average population over 9,00,000. The actual districts vary greatly in size and density of population. They are largest, in point of area, in Burma and Madras, and smallest in the United Provinces. Thus the Vizagapatam district, in Madras, has an area of 17,233 square miles with a population of over thirty lakhs; the Upper Chindwin district in Burma, has an even larger area, of over 20,000 square miles, but a population of only 1,70,000; while the Mymensingh district in Eastern Bengal, has a population of over 45 lakhs on an area of 6,347 square miles. Each district is under a Collector (styled Deputy Commissioner in the Non-regulation provinces) who is the local representative of Government in its general dealings with the people and as his two-fold appellation Collector-Magistrate indicates, he is both the principal revenue official and the chief Magistrate. The duties he has to perform are manifold—almost bewilderingly manifold. As Collector, he is not merely responsible for the collection of most branches of the revenue but is concerned with the various relations existing between Government and the agricultural classes, which represent two-thirds of the total population in British India. Thus he is concerned with questions relating to the registration, alteration, relinquishment or partition of land holdings, which pay revenue direct to the Government, and, in the greater part of India, has to deal in these respects, with an immense number of petty peasant proprietors. He is, likewise, in most provinces, concerned with the adju-

dication of disputes between landlords and tenants. Besides dealing with land and the land revenue, the Collector has charge of the local administration of excise, income tax, stamp duty, and other sources of revenue, and he is responsible for the management of the district treasury. He has to keep a careful watch over the general circumstances of his district, and in times of famine or severe agricultural distress, he is responsible for the administration of relief and other remedial measures. He also deals with the grant of loans to agriculturists, and with the preparation of agricultural and other statistics; and he has a general control over the working of the Forest Department in his district in so far as this touches on matters affecting the economic or other interests of the people. In such branches of the administration his functions are, in consequence of the formation of special departments such as those of public works, forests, sanitation and education, less direct than was formerly the case, but even in these matters his active co-operation and counsel are still needed. The Collector also guides and controls the working of municipalities, and he is often the actual chairman or presiding officer of one or more of these. He usually presides over the district board, which, with the aid of subordinate local boards, where such exist, maintains roads, schools and dispensaries and deals with vaccination and sanitary improvements in rural areas. Finally, he has to furnish information on all important occurrences in the districts and he is called upon to advise on any general scheme, affecting it which may be under consideration. As a Magistrate of the first class, the Collector, in his capacity of District Magistrate, can imprison for two years and fine upto Rs. 1,000; in practice he does not try many criminal cases, though he supervises the work of all the other Magistrates of the district. He is responsible for the peace of the district and the suppression of crime and has general control over the working of the police. In short, the

dication of disputes between landlords and tenants. Besides dealing with land and the land revenue, the Collector has charge of the local administration of excise, income tax, stamp duty, and other sources of revenue, and he is responsible for the management of the district treasury. He has to keep a careful watch over the general circumstances of his district, and in times of famine or severe agricultural distress, he is responsible for the administration of relief and other remedial measures. He also deals with the grant of loans to agriculturists, and with the preparation of agricultural and other statistics; and he has a general control over the working of the Forest Department in his district in so far as this touches on matters affecting the economic or other interests of the people. In such branches of the administration his functions are, in consequence of the formation of special departments such as those of public works, forests, sanitation and education, less direct than was formerly the case, but even in these matters his active co-operation and counsel are still needed. The Collector also guides and controls the working of municipalities, and he is often the actual chairman or presiding officer of one or more of these. He usually presides over the district board, which, with the aid of subordinate local boards, where such exist, maintains roads, schools and dispensaries and deals with vaccination and sanitary improvements in rural areas. Finally, he has to furnish information on all important occurrences in the districts and he is called upon to advise on any general scheme, affecting it which may be under consideration. As a Magistrate of the first class, the Collector, in his capacity of District Magistrate, can imprison for two years and fine upto Rs. 1,000; in practice he does not try many criminal cases, though he supervises the work of all the other Magistrates of the district. He is responsible for the peace of the district and the suppression of crime and has general control over the working of the police. In short, the

the 1970s, the 1980s and the 1990s. The 1970s were characterised by a strong emphasis on the social and cultural aspects of information science, while the 1980s saw a shift towards a more technical and scientific approach. The 1990s, however, have seen a return to a more holistic view, one that recognises the importance of both the social and the technical aspects of the field. This paper will explore the evolution of information science over these three decades, examining the key theories, methods and findings that have shaped the discipline. It will also consider the challenges and opportunities that face the field in the future. The paper is structured as follows: the first section provides an overview of the history of information science; the second section discusses the social and cultural aspects of the field; the third section examines the technical and scientific aspects; and the final section considers the future of the discipline. The paper is written for a general audience of information scientists and is intended to provide a comprehensive overview of the field's development over time.

Collector-Magistrate is the eye and ear of the provincial Government and to the people who have to look up to him in everything he is Government itself.

Each district is usually split up into a number of sub-divisions, which are in charge either of junior officers of the Indian Civil Service or of officers of the Provincial Service styled Deputy Collectors, and these again into minor charges bearing different names and held by officers of the subordinate service. The functions of these sub-divisional officers who are all magistrates as well as revenue and executive functionaries, vary in different provinces. Except in Bengal, there are smaller sub-district units styled talukas and tahsils administered by Tahsildars or Mamlatdars as they are called in Bombay proper and Mukhtyars in Sind. In Madras, every district is parcelled out into sub-divisions, (each sub-divisional officer residing permanently within his charge), the limits of which can be altered only by Government. Subject to certain specific restrictions and limitations, he exercises within his charge the ordinary powers of a Collector in revenue matters, the District Collector acting as a supervising, controlling and appellate authority. As a Magistrate he is responsible for the criminal work in his sub-division and ordinarily exercises first class powers himself and hears appeals against decisions of second and third class magistrates. Thus in Madras each sub-division is treated as a miniature district and the sub-divisional officer as the subordinate Collector himself. In Bombay proper, sub-divisional charges are not rigidly fixed, but can be altered for revenue purposes at the Collector's discretion and the sub-divisional officer does not permanently reside within his sub-division. In Bengal too there is a definite sub-divisional system. The head quarters sub-division which is usually the largest in the district, is however, in the Collector's own charge. As in Madras, sub-divisional officers live in their sub-divisions

Collector-Magistrate is the eye and ear of the provincial Government and to the people who have to look up to him in everything he is Government itself.

Each district is usually split up into a number of sub-divisions, which are in charge either of junior officers of the Indian Civil Service or of officers of the Provincial Service styled Deputy Collectors, and these again into minor charges bearing different names and held by officers of the subordinate service. The functions of these sub-divisional officers who are all magistrates as well as revenue and executive functionaries, vary in different provinces. Except in Bengal, there are smaller sub-district units styled talukas and tahsils administered by Tahsildars or Mamlatdars as they are called in Bombay proper and Mukhtyars in Sind. In Madras, every district is parcelled out into sub-divisions, (each sub-divisional officer residing permanently within his charge), the limits of which can be altered only by Government. Subject to certain specific restrictions and limitations, he exercises within his charge the ordinary powers of a Collector in revenue matters, the District Collector acting as a supervising, controlling and appellate authority. As a Magistrate he is responsible for the criminal work in his sub-division and ordinarily exercises first class powers himself and hears appeals against decisions of second and third class magistrates. Thus in Madras each sub-division is treated as a miniature district and the sub-divisional officer as the subordinate Collector himself. In Bombay proper, sub-divisional charges are not rigidly fixed, but can be altered for revenue purposes at the Collector's discretion and the sub-divisional officer does not permanently reside within his sub-division. In Bengal too there is a definite sub-divisional system. The head quarters sub-division which is usually the largest in the district, is however, in the Collector's own charge. As in Madras, sub-divisional officers live in their sub-divisions

which can be altered only by the local Government. There is nothing in that province corresponding to the tahsils or talukas of other provinces. The Tahsildar has been described as the non-commissioned officer of the administration. He is the person in closest touch with people and to him the Collector and the sub-divisional officer on the one hand and the rayats on the other, look most for information. The Tahsildar is not merely responsible for revenue and criminal work; he usually takes a large share in the deliberations of rural boards and municipalities and in the carrying out of their resolutions. At the basis of the system of district administration lies the village organization which is an institution of great antiquity and which, with the loss of some of its features, has now been adapted to the changed conditions of the times. Of the village officials, who are largely hereditary, the most important are the headman, who collects the revenue and in some provinces, particularly in Madras and Burma, may also be a petty magistrate or civil judge; the Karnam Karkun or Patwari who keeps the village accounts, register and in general, all records connected with the land revenue and the Chaukidar or village watchman who is the rural policeman.

The following general review of district administration in the Bombay Presidency taken from the 'Annals of Indian Administration' is reproduced below as it is calculated to give a clear idea of the subject we have been dealing with though the description is not accurate in certain particulars, the system having now been slightly modified.

"An average Collectorate contains twelve Talukas or subdivision each of which contains about one hundred Government villages; that is to say, villages that are not alienated and the total revenues of which belong to the State. Each village has its regular complement of officers who are usually hereditary. The officers on whose services Government is mainly dependent, are the Patel, who is the head of

which can be altered only by the local Government. There is nothing in that province corresponding to the tahsils or talukas of other provinces. The Tahsildar has been described as the non-commissioned officer of the administration. He is the person in closest touch with people and to him the Collector and the sub-divisional officer on the one hand and the rayats on the other, look most for information. The Tahsildar is not merely responsible for revenue and criminal work; he usually takes a large share in the deliberations of rural boards and municipalities and in the carrying out of their resolutions. At the basis of the system of district administration lies the village organization which is an institution of great antiquity and which, with the loss of some of its features, has now been adapted to the changed conditions of the times. Of the village officials, who are largely hereditary, the most important are the headman, who collects the revenue and in some provinces, particularly in Madras and Burma, may also be a petty magistrate or civil judge; the Karnam Karkun or Patwari who keeps the village accounts, register and in general, all records connected with the land revenue and the Chaukidar or village watchman who is the rural policeman.

The following general review of district administration in the Bombay Presidency taken from the 'Annals of Indian Administration' is reproduced below as it is calculated to give a clear idea of the subject we have been dealing with though the description is not accurate in certain particulars, the system having now been slightly modified.

"An average Collectorate contains twelve Talukas or subdivision each of which contains about one hundred Government villages; that is to say, villages that are not alienated and the total revenues of which belong to the State. Each village has its regular complement of officers who are usually hereditary. The officers on whose services Government is mainly dependent, are the Patel, who is the head of

the village for both revenue and police purposes; the Talati or Kulkarni who is the clerk and the accountant; the Mahar who is a kind of beadle; and the watchman. The Patil and Kulkarni either hold a certain quantity of rent free land or are remunerated by a cash payment equivalent to a certain percentage on the collections. The mahar and watchmen, in common with other village servants, also hold land on more or less favourable terms as regards assessment and receive besides grain and other payments in kind from the villagers. The other servants are the carpenter, blacksmith, potter, barber, and others whose services are necessary to the community. A village is, for Government or social purposes, complete in itself, and is so to speak independent of the outer world. The revenue accounts of a village are simple but complete. The survey register is the basis of them. Every occupant is given a separate receipt book in which the total amount of his holdings is entered and the Patil and Kulkarni are bound, under heavy penalties, to record in it the sums he has paid. Each year what is termed the *Jamabandi* of the village is made, at which time the total amount of the revenue due from the village is made out. In point of practice this is now, as far as Government interests are concerned, a very simple business, as there is little or no unoccupied land, and the *Jamabandi* as nearly as possible represents the sum entered in the register. But it is a process that nevertheless is of considerable use and could not be safely dispensed with. In the first place, it brings the Assistant or Deputy Collector in annual contact with each village in his charge and enables him to judge of its wants and requirements. It is the time at which all cultivation and other returns useful for statistical purposes can be checked. Above all, it is the time at which the village accounts can at best be examined, transfers of numbers verified and such a scrutiny made as is essential to the protection of the individual occupant from fraud.

“Over each Taluka or subdivision of a Collectorate there is an officer termed Mamlatdar whose salary varies from Rs. 150 to 250 *per mensem*. The Mamlatdar is responsible for the treasury business of his Taluka. He has to see that the instalments are punctually paid by the several villages, that the village accounts are duly kept, that the occupants get their payments duly receipted, that the boundary marks are kept in proper repair and, in fact, to see that the village officers do their work properly. He has also to look after the administration of the Local Funds, and is a Subordinate Magistrate. The system

The American Medical Association is a national organization of physicians and surgeons, organized for the purpose of promoting the science and art of medicine, and of improving the health of the people. It is the largest and most influential of the medical organizations in the United States, and its members are the leading authorities in their respective fields. The Association is composed of more than 100,000 members, and its activities are directed towards the advancement of medical knowledge, the improvement of medical education, and the promotion of the highest standards of medical practice. The Association is also concerned with the health of the public, and it has been instrumental in the enactment of many laws and regulations which have improved the health of the people. The Association is a non-profit organization, and its funds are derived from the contributions of its members. It is a permanent organization, and its activities are directed towards the improvement of the health of the people for all time to come.

The American Medical Association is a national organization of physicians and surgeons, organized for the purpose of promoting the science and art of medicine, and of improving the health of the people. It is the largest and most influential of the medical organizations in the United States, and its members are the leading authorities in their respective fields. The Association is composed of more than 100,000 members, and its activities are directed towards the advancement of medical knowledge, the improvement of medical education, and the promotion of the highest standards of medical practice. The Association is also concerned with the health of the public, and it has been instrumental in the enactment of many laws and regulations which have improved the health of the people. The Association is a non-profit organization, and its funds are derived from the contributions of its members. It is a permanent organization, and its activities are directed towards the improvement of the health of the people for all time to come.

the village for both revenue and police purposes; the Talati or Kulkarni who is the clerk and the accountant; the Mahar who is a kind of beadle; and the watchman. The Patil and Kulkarni either hold a certain quantity of rent free land or are remunerated by a cash payment equivalent to a certain percentage on the collections. The mahar and watchmen, in common with other village servants, also hold land on more or less favourable terms as regards assessment and receive besides grain and other payments in kind from the villagers. The other servants are the carpenter, blacksmith, potter, barber, and others whose services are necessary to the community. A village is, for Government or social purposes, complete in itself, and is so to speak independent of the outer world. The revenue accounts of a village are simple but complete. The survey register is the basis of them. Every occupant is given a separate receipt book in which the total amount of his holdings is entered and the Patil and Kulkarni are bound, under heavy penalties, to record in it the sums he has paid. Each year what is termed the *Jamabandi* of the village is made, at which time the total amount of the revenue due from the village is made out. In point of practice this is now, as far as Government interests are concerned, a very simple business, as there is little or no unoccupied land, and the *Jamabandi* as nearly as possible represents the sum entered in the register. But it is a process that nevertheless is of considerable use and could not be safely dispensed with. In the first place, it brings the Assistant or Deputy Collector in annual contact with each village in his charge and enables him to judge of its wants and requirements. It is the time at which all cultivation and other returns useful for statistical purposes can be checked. Above all, it is the time at which the village accounts can at best be examined, transfers of numbers verified and such a scrutiny made as is essential to the protection of the individual occupant from fraud.

“Over each Taluka or subdivision of a Collectorate there is an officer termed Mamlatdar whose salary varies from Rs. 150 to 250 *per mensem*. The Mamlatdar is responsible for the treasury business of his Taluka. He has to see that the instalments are punctually paid by the several villages, that the village accounts are duly kept, that the occupants get their payments duly receipted, that the boundary marks are kept in proper repair and, in fact, to see that the village officers do their work properly. He has also to look after the administration of the Local Funds, and is a Subordinate Magistrate. The system

must be entirely one of check and percentage examination. A certain number of villages are appointed to the several members of the Mamlatdar's establishment and placed under their supervision : it is his business to see by personal examination that they do their work. An Assistant or Deputy Collector is placed in revenue charge of, on an average, three Talukas. He has to travel about them during seven months in the year. He has to satisfy himself by direct personal inspection that the revenue work is properly done ; he sees that the revenue of each village is properly brought to account at the time of the annual *Jamabandi*, nominates the village officers, judges for himself of the wants of his Talukas in respect of local roads, wells, tree-plantation and the like, hears appeals from the orders of Mamlatdars, replies to references made by them and generally supervises their proceedings. The Collector and Magistrate is placed over the whole district. He has also to travel at least for four months in the year. The Revenue Commissioners, of whom there are three (*Now four*)—two (*Now three*) for the Regulation Districts and the Commissioner in Sind—exercise a general superintendence and control over the revenue administration of the Presidency. These officers are constantly on the move in their respective divisions during the fair season. They have thus an opportunity of judging for themselves of the requirements of the several parts of the country, of the manner in which both the revenue and police administration is being carried on and of the qualifications of the several officials. They entertain appeals from the Collectors' decisions and are the channel of communication between them and the Government. From June to October the Commissioners of the Regulation Districts reside at Poona (*Since 1890 the head quarters of Commissioners have been removed from Poona to stations in their several divisions.*) which is also at that season the head quarters of the Government.”*

With the exception of Madras all major provinces possess authorities intermediate between the Collectors on the one hand and the Provincial Government on the other. These officials are styled “Commissioners of Divisions”. A division is a group of several districts, usually from four to six, of which the Commissioner has the general superin-

* Report on the Administration of the Bombay Presidency for the year 1911-12, Pages 30-31.

must be entirely one of check and percentage examination. A certain number of villages are appointed to the several members of the Mamlatdar's establishment and placed under their supervision : it is his business to see by personal examination that they do their work. An Assistant or Deputy Collector is placed in revenue charge of, on an average, three Talukas. He has to travel about them during seven months in the year. He has to satisfy himself by direct personal inspection that the revenue work is properly done ; he sees that the revenue of each village is properly brought to account at the time of the annual *Jamabandi*, nominates the village officers, judges for himself of the wants of his Talukas in respect of local roads, wells, tree-plantation and the like, hears appeals from the orders of Mamlatdars, replies to references made by them and generally supervises their proceedings. The Collector and Magistrate is placed over the whole district. He has also to travel at least for four months in the year. The Revenue Commissioners, of whom there are three (*Now four*)—two (*Now three*) for the Regulation Districts and the Commissioner in Sind—exercise a general superintendence and control over the revenue administration of the Presidency. These officers are constantly on the move in their respective divisions during the fair season. They have thus an opportunity of judging for themselves of the requirements of the several parts of the country, of the manner in which both the revenue and police administration is being carried on and of the qualifications of the several officials. They entertain appeals from the Collectors' decisions and are the channel of communication between them and the Government. From June to October the Commissioners of the Regulation Districts reside at Poona (*Since 1890 the head quarters of Commissioners have been removed from Poona to stations in their several divisions.*) which is also at that season the head quarters of the Government.”*

With the exception of Madras all major provinces possess authorities intermediate between the Collectors on the one hand and the Provincial Government on the other. These officials are styled “Commissioners of Divisions”. A division is a group of several districts, usually from four to six, of which the Commissioner has the general superin-

* Report on the Administration of the Bombay Presidency for the year 1911-12, Pages 30-31.

tendence and in which he also acts as a court of appeal in revenue cases. Originally the Commissioners were invested with very large powers in revenue matters and had police and judicial jurisdiction also. Owing to various causes they gradually lost some of these powers. Thus they were dissociated from judicial functions and there was a steady diminution in their powers and a lowering of status also. In Bombay, however, they occupy a much higher position than elsewhere, and the Commissioner in Sind occupies a special position, being described as 'a minor Local Administration under a major Local Government'. The Commissioner's work is primarily concerned with the administration of the land revenue and cognate questions, and he discharges important duties as a court of revenue appeal. In the matter of revenue settlements his functions are merely advisory, but in regard to the collection of land revenue, he usually enjoys certain powers of suspension, and, in some provinces of remission also. In certain provinces he appoints revenue officers even of the higher grades and is entrusted with the authority, subject to provincial rules and conditions, to make grants of loans to cultivators and land-holders and make remissions when that is necessary and he has much to do with the management of private estates under the Court of Wards. The Commissioner also possesses varying powers of control with respect to other sources of revenue which are directly managed by the Collector. He has little voice in the administration of other departments such as the Public Works and Educational and the Police, but his control over the district boards and municipalities is considerable. The Royal Commission on Decentralization felt that the growth of special departments within recent times had led to fissiparous tendencies in the district administration which there was no authority to restrain and recommended that the function of exercising a general co-ordinating control should be assigned to the Divisional Commissioner. They were

tendence and in which he also acts as a court of appeal in revenue cases. Originally the Commissioners were invested with very large powers in revenue matters and had police and judicial jurisdiction also. Owing to various causes they gradually lost some of these powers. Thus they were dissociated from judicial functions and there was a steady diminution in their powers and a lowering of status also. In Bombay, however, they occupy a much higher position than elsewhere, and the Commissioner in Sind occupies a special position, being described as 'a minor Local Administration under a major Local Government'. The Commissioner's work is primarily concerned with the administration of the land revenue and cognate questions, and he discharges important duties as a court of revenue appeal. In the matter of revenue settlements his functions are merely advisory, but in regard to the collection of land revenue, he usually enjoys certain powers of suspension, and, in some provinces of remission also. In certain provinces he appoints revenue officers even of the higher grades and is entrusted with the authority, subject to provincial rules and conditions, to make grants of loans to cultivators and land-holders and make remissions when that is necessary and he has much to do with the management of private estates under the Court of Wards. The Commissioner also possesses varying powers of control with respect to other sources of revenue which are directly managed by the Collector. He has little voice in the administration of other departments such as the Public Works and Educational and the Police, but his control over the district boards and municipalities is considerable. The Royal Commission on Decentralization felt that the growth of special departments within recent times had led to fissiparous tendencies in the district administration which there was no authority to restrain and recommended that the function of exercising a general co-ordinating control should be assigned to the Divisional Commissioner. They were

convinced that the position of that officer was not sufficiently strong in several respects and suggested that he should be armed with greater power of control. In all the major provinces except Bombay, there is a Board of Revenue or Financial Commissioner, dealing, under the Provincial Government, with all matters relating to revenue administration which are deemed to require the control of a headquarters authority. In Madras, where there are no divisional commissioners, the Board's members exercise powers in regard to excise and revenue settlements which in other major provinces are vested in separate commissioners. In that province the Board of Revenue consists of four members, two of whom deal with matters specially connected with the land revenue, a third with settlements, agriculture and land records, and a fourth with salt, excise, customs, income tax and stamps. In the United Provinces the Board consists of two members and in the Punjab, Burma and the Central Provinces there is a single Financial Commissioner performing the functions of the Boards of Revenue. In all these provinces there are territorial Commissioners who are subordinate to the Board of Revenue in revenue matters. The Boards seldom sit collectively and the members thereof have different branches of work assigned to them. In all matters connected with the land and the collection of revenue, the Boards and Financial Commissioners are responsible for the general unity, co-ordination and efficiency of the administration and they initiate and are consulted on, any new departure in policy or method. Their appellate functions in revenue matters are very important.

Almost all the administrative work of the districts was originally done by Collectors and their subordinates, subject to the supervision of Commissioners and Boards of Revenue. In course of time, however, separate administrative departments have been evolved, the most important

convinced that the position of that officer was not sufficiently strong in several respects and suggested that he should be armed with greater power of control. In all the major provinces except Bombay, there is a Board of Revenue or Financial Commissioner, dealing, under the Provincial Government, with all matters relating to revenue administration which are deemed to require the control of a headquarters authority. In Madras, where there are no divisional commissioners, the Board's members exercise powers in regard to excise and revenue settlements which in other major provinces are vested in separate commissioners. In that province the Board of Revenue consists of four members, two of whom deal with matters specially connected with the land revenue, a third with settlements, agriculture and land records, and a fourth with salt, excise, customs, income tax and stamps. In the United Provinces the Board consists of two members and in the Punjab, Burma and the Central Provinces there is a single Financial Commissioner performing the functions of the Boards of Revenue. In all these provinces there are territorial Commissioners who are subordinate to the Board of Revenue in revenue matters. The Boards seldom sit collectively and the members thereof have different branches of work assigned to them. In all matters connected with the land and the collection of revenue, the Boards and Financial Commissioners are responsible for the general unity, co-ordination and efficiency of the administration and they initiate and are consulted on, any new departure in policy or method. Their appellate functions in revenue matters are very important.

Almost all the administrative work of the districts was originally done by Collectors and their subordinates, subject to the supervision of Commissioners and Boards of Revenue. In course of time, however, separate administrative departments have been evolved, the most important

The American Medical Association is a non-profit corporation organized for the purpose of promoting the interests of the medical profession and the public. It is the largest and most influential of the medical organizations in the United States. The Association is composed of more than 50,000 members, including physicians, dentists, nurses, and other health care professionals. The Association's primary concern is the advancement of the medical profession and the improvement of the health of the American people. It does this through a variety of activities, including the publication of the Journal of the American Medical Association, the holding of annual meetings, and the provision of educational and research programs. The Association also advocates for the interests of the medical profession in the legislative and executive branches of the federal government.

The Journal of the American Medical Association is a weekly publication that contains a wide variety of articles on medical topics. The articles are written by leading experts in the field and are intended to provide medical professionals with the latest information on medical research and practice. The Journal is also a valuable resource for the general public, as it contains articles on a wide range of health-related topics. The Journal is published by the American Medical Association, which is a non-profit corporation organized for the purpose of promoting the interests of the medical profession and the public. The Association is composed of more than 50,000 members, including physicians, dentists, nurses, and other health care professionals. The Association's primary concern is the advancement of the medical profession and the improvement of the health of the American people. It does this through a variety of activities, including the publication of the Journal of the American Medical Association, the holding of annual meetings, and the provision of educational and research programs. The Association also advocates for the interests of the medical profession in the legislative and executive branches of the federal government.

The Journal of the American Medical Association is a weekly publication that contains a wide variety of articles on medical topics. The articles are written by leading experts in the field and are intended to provide medical professionals with the latest information on medical research and practice. The Journal is also a valuable resource for the general public, as it contains articles on a wide range of health-related topics. The Journal is published by the American Medical Association, which is a non-profit corporation organized for the purpose of promoting the interests of the medical profession and the public. The Association is composed of more than 50,000 members, including physicians, dentists, nurses, and other health care professionals. The Association's primary concern is the advancement of the medical profession and the improvement of the health of the American people. It does this through a variety of activities, including the publication of the Journal of the American Medical Association, the holding of annual meetings, and the provision of educational and research programs. The Association also advocates for the interests of the medical profession in the legislative and executive branches of the federal government.

of which are those dealing with Public Works, Education, Police, Forests, Medical administration, Sanitation and Prisons. In each province these departments have their own separate staffs and heads. There are, for example, Chief Engineers, the Director of Public Instruction, the Inspector General of Police, Conservators of Forest, the Surgeon General or Inspector General of Civil Hospitals, the Sanitary Commissioner and the Inspector General of Prisons. There are also other heads of departments who are more closely associated with the district organization such as the Commissioner of Excise, the Director of Agriculture, the Director of Land Records and in some provinces, the Commissioner for Revenue Settlements. The scope of this chapter does not require an account of the constitution and functions of these departments, some of which will be dealt with in later chapters. We may, however, refer here to two district officials who are connected with each district, *viz.* the Superintendent of Police and the Civil Surgeon. There was a time when the Collector-Magistrate was also the head of the police of his district ; but now the police force of each district is under the control of a Superintendent. With respect to the distribution and movements of the police, the preservation of order and the repression of crime, the District Superintendent occupies a position of subordination to the Magistrate who in this as in other matters, is the head authority and representative of Government within his district. But in matters connected with the general organization of the force, he is subordinate to the Inspector General of Police. The district jail is in charge of the District Medical Officer styled the Civil Surgeon who supervises hospitals and dispensaries and is generally responsible for the health of the people in the district. We stated in the last chapter that the distinction between 'Regulation' and 'non-Regulation' provinces has now been practically obliterated and that the system of administration in the latter has come steady-

of which are those dealing with Public Works, Education, Police, Forests, Medical administration, Sanitation and Prisons. In each province these departments have their own separate staffs and heads. There are, for example, Chief Engineers, the Director of Public Instruction, the Inspector General of Police, Conservators of Forest, the Surgeon General or Inspector General of Civil Hospitals, the Sanitary Commissioner and the Inspector General of Prisons. There are also other heads of departments who are more closely associated with the district organization such as the Commissioner of Excise, the Director of Agriculture, the Director of Land Records and in some provinces, the Commissioner for Revenue Settlements. The scope of this chapter does not require an account of the constitution and functions of these departments, some of which will be dealt with in later chapters. We may, however, refer here to two district officials who are connected with each district, *viz.* the Superintendent of Police and the Civil Surgeon. There was a time when the Collector-Magistrate was also the head of the police of his district ; but now the police force of each district is under the control of a Superintendent. With respect to the distribution and movements of the police, the preservation of order and the repression of crime, the District Superintendent occupies a position of subordination to the Magistrate who in this as in other matters, is the head authority and representative of Government within his district. But in matters connected with the general organization of the force, he is subordinate to the Inspector General of Police. The district jail is in charge of the District Medical Officer styled the Civil Surgeon who supervises hospitals and dispensaries and is generally responsible for the health of the people in the district. We stated in the last chapter that the distinction between 'Regulation' and 'non-Regulation' provinces has now been practically obliterated and that the system of administration in the latter has come steady-

[illegible]

ly to conform to that obtaining in the Regulation provinces. The district organization described above, therefore, does not materially differ from the form of administration in the non-regulation provinces. One important point of difference is that in the latter the higher posts are not wholly reserved to the Indian Civil Service. In former times the members of the 'Commissions' of the non-regulation provinces were recruited from various sources ; recruitment is now, in general, confined to the Indian Civil service and officers of the Indian Army. The recruitment of military officers has been discontinued, during the last ten years in the Punjab and Assam, and Burma is the only major province in which military as well as civilian officers are still recruited for the commission. In the non-regulation provinces, the officer corresponding to the Collector of the regulation provinces is styled Deputy Commissioner and the officers corresponding to the Assistant Collector and Deputy Collector are called Assistant Commissioner and Extra Assistant Commissioner respectively. The district administration is carried on on much the same lines as in the regulation provinces but the District Magistrates are invested with greater criminal jurisdiction. The Commissioners were formerly endowed with extensive judicial powers of which they have now been relieved by the institution of separate officers. This same form of administration obtains in the minor provinces with slight modifications suited to their peculiar conditions.

The organization of district administration as well as the system of the Government followed at the headquarters has now been described. The picture cannot, however, be complete unless we give some idea of other functions and functionaries besides those dealt with above that form part of the general administrative machinery of a province. We shall take the Bombay Presidency as a type and specify these various departments with remarks on the powers and

[illegible]

...the ...

The Commission has also been working to improve the quality of the data it collects. In 2003, it launched a new survey, the Survey of the Quality of Life of the Population, which is designed to provide a more comprehensive picture of the quality of life of the population. The survey covers a wide range of issues, including health, education, housing, and the environment. The Commission has also been working to improve the quality of the data it collects from other sources, such as the census and the administrative data of the government.

[illegible]

ly to conform to that obtaining in the Regulation provinces. The district organization described above, therefore, does not materially differ from the form of administration in the non-regulation provinces. One important point of difference is that in the latter the higher posts are not wholly reserved to the Indian Civil Service. In former times the members of the 'Commissions' of the non-regulation provinces were recruited from various sources; recruitment is now, in general, confined to the Indian Civil service and officers of the Indian Army. The recruitment of military officers has been discontinued, during the last ten years in the Punjab and Assam, and Burma is the only major province in which military as well as civilian officers are still recruited for the commission. In the non-regulation provinces, the officer corresponding to the Collector of the regulation provinces is styled Deputy Commissioner and the officers corresponding to the Assistant Collector and Deputy Collector are called Assistant Commissioner and Extra Assistant Commissioner respectively. The district administration is carried on on much the same lines as in the regulation provinces but the District Magistrates are invested with greater criminal jurisdiction. The Commissioners were formerly endowed with extensive judicial powers of which they have now been relieved by the institution of separate officers. This same form of administration obtains in the minor provinces with slight modifications suited to their peculiar conditions.

The organization of district administration as well as the system of the Government followed at the headquarters has now been described. The picture cannot, however, be complete unless we give some idea of other functions and functionaries besides those dealt with above that form part of the general administrative machinery of a province. We shall take the Bombay Presidency as a type and specify these various departments with remarks on the powers and

duties of each. The Commissioner of Customs, Salt, Opium and Abkari is the head of these departments in the Presidency proper. In Sind, the four departments are under the Commissioner in Sind. The Collector of Customs is in immediate charge of the Customs administration of the Port of Bombay. He has under him six Assistant Collectors two of whom including the Covenanted Civilian Assistant, belong to the Imperial Customs Service. The chief Collector of Customs in Sind with two Assistant Collectors is in charge of the Customs administration of the ports in the province of Sind. The Collector of Salt Revenue is in charge of the Salt Department in the Presidency proper and of the Customs administration of all ports except Bombay and those in Sind. He has under him ten Assistant Collectors together with a large staff of inspectors and minor officials. The Assistant Commissioner of Excise, Salt and Opium in Sind is in charge of these departments in that province. The administration of the Abkari and Opium Departments is vested in the Collectors of the districts through their ordinary revenue and police establishments, assisted by a staff of Assistant Collectors of Excise and Inspectors. The Settlement Commissioner and Director of Land Records is in charge of the conduct of Surveys, compilation and maintenance of Land Records, imposition of assessment and, in particular, the preparation of the register of title or record-of-rights in land. He is also Inspector General of Registration and as such has the control of registration operations under Act III of 1877 and the Deccan Agriculturists' Relief Act, 1879, throughout the Presidency including Sind. For the purpose of registration, the Presidency is divided into districts and sub-districts which correspond in the main to the revenue Collectorates and Talukas. The Collector is Registrar of the district, and in matters affecting registration takes his orders from the Inspector General of Registration. The Director of Agriculture directs the operations of the Agricultural

duties of each. The Commissioner of Customs, Salt, Opium and Abkari is the head of these departments in the Presidency proper. In Sind, the four departments are under the Commissioner in Sind. The Collector of Customs is in immediate charge of the Customs administration of the Port of Bombay. He has under him six Assistant Collectors two of whom including the Covenanted Civilian Assistant, belong to the Imperial Customs Service. The chief Collector of Customs in Sind with two Assistant Collectors is in charge of the Customs administration of the ports in the province of Sind. The Collector of Salt Revenue is in charge of the Salt Department in the Presidency proper and of the Customs administration of all ports except Bombay and those in Sind. He has under him ten Assistant Collectors together with a large staff of inspectors and minor officials. The Assistant Commissioner of Excise, Salt and Opium in Sind is in charge of these departments in that province. The administration of the Abkari and Opium Departments is vested in the Collectors of the districts through their ordinary revenue and police establishments, assisted by a staff of Assistant Collectors of Excise and Inspectors. The Settlement Commissioner and Director of Land Records is in charge of the conduct of Surveys, compilation and maintenance of Land Records, imposition of assessment and, in particular, the preparation of the register of title or record-of-rights in land. He is also Inspector General of Registration and as such has the control of registration operations under Act III of 1877 and the Deccan Agriculturists' Relief Act, 1879, throughout the Presidency including Sind. For the purpose of registration, the Presidency is divided into districts and sub-districts which correspond in the main to the revenue Collectorates and Talukas. The Collector is Registrar of the district, and in matters affecting registration takes his orders from the Inspector General of Registration. The Director of Agriculture directs the operations of the Agricultural

[illegible]

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making any necessary adjustments. The final step is to evaluate the results. This involves assessing the effectiveness of the solution and determining if any further action is needed.

[illegible][illegible]

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The table includes the coefficient estimates, standard errors, t-statistics, and p-values for each variable.

Variable	Coefficient	Standard Error	t-statistic	p-value
Age of the head of household	0.001	0.001	1.2	0.23
Gender of the head of household (Male = 1, Female = 0)	-0.05	0.02	-2.5	0.01
Constant	1.5	0.1	15.0	0.00

The results indicate that the age of the head of household has a very small positive effect on the number of children in the household, while the gender of the head of household has a small negative effect. The constant term is significantly positive.

Department, in conducting experiments at agricultural stations, giving advice, disseminating information and supplying seed for new crops. He has under him two Deputies and also controls the Agricultural College. The Director of Agriculture is also the Director of Co-operative Credit Societies of which a Registrar is in direct charge, and the Controlling Officer of the Civil Veterinary Department, which is under the immediate supervision of the Superintendent, Civil Veterinary Department. For the purposes of Forest administration, the Presidency has been divided into four forest circles three of which are in charge of Conservators of Forests and one in Sind of a Deputy Conservator. Except in technical and account matters the Conservators are subordinate to the Commissioners and the Divisional Forest Officers to the Collectors.

The Surgeon General with the Government of Bombay is the head of the Medical and Sanitary Departments. Under him are the Sanitary Commissioner, the Civil Surgeons of the different districts and the Presidency Surgeons and Medical officers of the hospitals in the Presidency Town and the Health officers of the Ports of Bombay, Karachi and Aden. The Surgeon General is also the president of the Sanitary Board. The Sanitary Commissioner with five Deputies is in charge of the Sanitary Department. These officers are to superintend and encourage the sanitary measures in the districts and towns included in their charges. The Sanitary Commissioner is also entrusted with the supervision of vital statistics; and is in sole charge of vaccination. The Director of Public Instruction is the chief controlling officer of the Educational Department. For Educational purposes each district is provided with a Deputy Inspector, and there are four Inspectors, one for each revenue division, and one for the province of Sind. The Inspector General of Police is the head of the Police Department outside the city of Bombay. The Presidency

Department, in conducting experiments at agricultural stations, giving advice, disseminating information and supplying seed for new crops. He has under him two Deputies and also controls the Agricultural College. The Director of Agriculture is also the Director of Co-operative Credit Societies of which a Registrar is in direct charge, and the Controlling Officer of the Civil Veterinary Department, which is under the immediate supervision of the Superintendent, Civil Veterinary Department. For the purposes of Forest administration, the Presidency has been divided into four forest circles three of which are in charge of Conservators of Forests and one in Sind of a Deputy Conservator. Except in technical and account matters the Conservators are subordinate to the Commissioners and the Divisional Forest Officers to the Collectors.

The Surgeon General with the Government of Bombay is the head of the Medical and Sanitary Departments. Under him are the Sanitary Commissioner, the Civil Surgeons of the different districts and the Presidency Surgeons and Medical officers of the hospitals in the Presidency Town and the Health officers of the Ports of Bombay, Karachi and Aden. The Surgeon General is also the president of the Sanitary Board. The Sanitary Commissioner with five Deputies is in charge of the Sanitary Department. These officers are to superintend and encourage the sanitary measures in the districts and towns included in their charges. The Sanitary Commissioner is also entrusted with the supervision of vital statistics; and is in sole charge of vaccination. The Director of Public Instruction is the chief controlling officer of the Educational Department. For Educational purposes each district is provided with a Deputy Inspector, and there are four Inspectors, one for each revenue division, and one for the province of Sind. The Inspector General of Police is the head of the Police Department outside the city of Bombay. The Presidency

The first of these is the fact that the majority of the information sources are not available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The second factor is the fact that the information sources are often scattered across a wide range of different geographical locations. This is due to the fact that the information sources are often owned by different organisations, such as libraries, universities, and government departments. The third factor is the fact that the information sources are often scattered across a wide range of different time periods. This is due to the fact that the information sources are often produced at different times, and some of them may be very old.

The first of these is the fact that the majority of the information sources are not available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The second factor is the fact that the information sources are often scattered across a wide range of different geographical locations. This is due to the fact that the information sources are often owned by different organisations, such as libraries, universities, and government departments. The third factor is the fact that the information sources are often scattered across a wide range of different time periods. This is due to the fact that the information sources are often produced at different times, and some of them may be very old.

districts are divided into two ranges; and a Deputy Inspector General is appointed to each. The direction and regulation of the police throughout a district is vested in the District Superintendent as executive head of the force under the command and control of the District Magistrate. The Inspector General of Prisons exercises general control and supervision over all prisons situated in the Presidency. For the administration of the Public Works Department, the Presidency, including Sind, has been divided into five divisions each of which has been subdivided into sub-districts, the total number being 37. Each division has a Superintending Engineer in charge and each district an Executive Engineer. Above these stands the Chief Engineer.*

A reference has often been made to the 'Covenanted Civil Service' and the 'Civil Service' in these pages, and a word of explanation is needed to make the meaning of these terms clear. Almost all the higher civil posts in India are held by the members of this Services and the feeling of Indians has been very strong for the past half century at their virtual exclusion from these posts. The question has been the subject of inquiry and discussion and, even now a Royal Commission with Lord Islington as Chairman is engaged in taking evidence in connection with the Indian Civil Service and other Civil Services, Imperial and Provincial. The Commission is instructed to examine and report upon the following matters with reference to these Services:—

- “(1) The methods of recruitment and the system of training and probation ;
- (2) The conditions of service, salary, leave and pension;

*Memorandum showing the organization of the Government of Bombay submitted to the Decentralization Commission.

districts are divided into two ranges, and a Deputy Inspector General is appointed to each. The direction and regulation of the police throughout a district is vested in the District Superintendent as executive head of the force under the command and control of the District Magistrate. The Inspector General of Prisons exercises general control and supervision over all prisons situated in the Presidency. For the administration of the Public Works Department, the Presidency, including Sind, has been divided into five divisions each of which has been subdivided into sub-districts, the total number being 37. Each division has a Superintending Engineer in charge and each district an Executive Engineer. Above these stands the Chief Engineer.*

A reference has often been made to the 'Covenanted Civil Service' and the 'Civil Service' in these pages, and a word of explanation is needed to make the meaning of these terms clear. Almost all the higher civil posts in India are held by the members of this Services and the feeling of Indians has been very strong for the past half century at their virtual exclusion from these posts. The question has been the subject of inquiry and discussion and, even now a Royal Commission with Lord Islington as Chairman is engaged in taking evidence in connection with the Indian Civil Service and other Civil Services, Imperial and Provincial. The Commission is instructed to examine and report upon the following matters with reference to these Services:—

- “(1) The methods of recruitment and the system of training and probation ;
- (2) The conditions of service, salary, leave and pension;

*Memorandum showing the organization of the Government of Bombay submitted to the Decentralization Commission.

- (3) Such limitations as still exist in employment of non-Europeans and the working of the existing system of division of Services into Imperial and Provincial ;

and generally to consider the requirements of the Public Service, and to recommend such changes as may seem expedient."

The Public Service question in India has a long and chequered history. The East India Company Act of 1793 reserved to members of the Covenanted Civil Service the principal civil offices in India under the rank of Member of Council. Appointments to this Service were made in England by the Court of Directors. It was called 'covenanted' because the superior servants of the Company were required to enter into a covenant by which they were bound not to trade, not to receive presents, to subscribe for pensions and so on. The covenant has not been dispensed with though the Service is now simply called the Indian Civil Service. The Statute of 1833 abolished the monopoly of office by which Indians had been kept out of the principal offices under the Government. But effect was not given to this enactment, and during the next twenty years not one Indian was appointed to the offices from which the sons of the soil had been excluded. In 1853 the system of nomination and patronage was abolished and the principal civil appointments were thrown open to competition among the natural-born subjects of Her Majesty. That system was maintained by the Statute of 1858 and has continued up-to-date. The Statute itself did not exclude Indians from the Covenanted Civil Service but the Regulations framed under it placed serious obstacles in the way of Indians, so that the old system of exclusion practically remained unaffected. "From 1853 up to when the Statute of 1870 was passed, there was only one Indian admitted to the Civil Service as against 825 Europeans. From 1870 to 1886, the date of the Public Service Commission, there were 11

- (3) Such limitations as still exist in employment of non-Europeans and the working of the existing system of division of Services into Imperial and Provincial ;

and generally to consider the requirements of the Public Service, and to recommend such changes as may seem expedient."

The Public Service question in India has a long and chequered history. The East India Company Act of 1793 reserved to members of the Covenanted Civil Service the principal civil offices in India under the rank of Member of Council. Appointments to this Service were made in England by the Court of Directors. It was called 'covenanted' because the superior servants of the Company were required to enter into a covenant by which they were bound not to trade, not to receive presents, to subscribe for pensions and so on. The covenant has not been dispensed with though the Service is now simply called the Indian Civil Service. The Statute of 1833 abolished the monopoly of office by which Indians had been kept out of the principal offices under the Government. But effect was not given to this enactment, and during the next twenty years not one Indian was appointed to the offices from which the sons of the soil had been excluded. In 1853 the system of nomination and partonage was abolished and the principal civil appointments were thrown open to competition among the natural-born subjects of Her Majesty. That system was maintained by the Statute of 1858 and has continued up-to-date. The Statute itself did not exclude Indians from the Covenanted Civil Service but the Regulations framed under it placed serious obstacles in the way of Indians, so that the old system of exclusion practically remained unaffected. "From 1853 up to when the Statute of 1870 was passed, there was only one Indian admitted to the Civil Service as against 825 Europeans. From 1870 to 1886, the date of the Public Service Commission, there were 11

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

[illegible][illegible]

100

Indians as against 576 ; from 1886 to 1910, 68 against 1,235 European. Thus from 1853 up-to-date, there were only 80 Indians as against 2,636 Europeans, about three per cent. At the present moment, we find 64 Indians as against, 1,204 Europeans, a little over 5 per cent of the total strength of the Civil Service."* The memorable Proclamation of 1858 confirmed the principle laid down by the Statute of 1833 but nothing was done to redress the Indian grievance. The Indian Civil Service Act of 1861 reserved to the members of the Service practically all the higher appointments in the Regulation Provinces and power was taken for the appointment of outsiders to such reserved posts. This law, like its predecessors, was followed at the time by no practical endeavour to employ Natives of India in posts generally reserved to the 'Covenanted Civil Service'. Then followed the Statute of 1870 which, with a view to providing additional facilities for the employment in the Civil Service of Natives of India of proved merit and ability authorized the appointment of Indians to these offices subject to rules to be laid down by the Government of India with the sanction of the Secretary of State. The rules were not, however, issued till nine years later and in 1879 what was called the 'Statutory Civil Service' was established. During the seven years that followed, 60 appointments were made under these rules, but the system was found to work unsatisfactorily as no steps were taken to appoint the best men in the country. The intention of the arrangement was that about a sixth of the posts reserved by law to the Covenanted Civil Service should be filled by Indians under the rules and in order to give gradual effect to this scheme the number of appointments made in England was, in 1880, reduced by one-sixth. The whole question was once more re-opened by Lord Dufferin's

*The Public Service Question in India by the Hon'ble Mr. N. Subba Rao Pantulu, B. A., V. L.

Indians as against 576 ; from 1886 to 1910, 68 against 1,235 European. Thus from 1853 up-to-date, there were only 80 Indians as against 2,636 Europeans, about three per cent. At the present moment, we find 64 Indians as against, 1,204 Europeans, a little over 5 per cent of the total strength of the Civil Service."* The memorable Proclamation of 1858 confirmed the principle laid down by the Statute of 1833 but nothing was done to redress the Indian grievance. The Indian Civil Service Act of 1861 reserved to the members of the Service practically all the higher appointments in the Regulation Provinces and power was taken for the appointment of outsiders to such reserved posts. This law, like its predecessors, was followed at the time by no practical endeavour to employ Natives of India in posts generally reserved to the 'Covenanted Civil Service'. Then followed the Statute of 1870 which, with a view to providing additional facilities for the employment in the Civil Service of Natives of India of proved merit and ability authorized the appointment of Indians to these offices subject to rules to be laid down by the Government of India with the sanction of the Secretary of State. The rules were not, however, issued till nine years later and in 1879 what was called the 'Statutory Civil Service' was established. During the seven years that followed, 60 appointments were made under these rules, but the system was found to work unsatisfactorily as no steps were taken to appoint the best men in the country. The intention of the arrangement was that about a sixth of the posts reserved by law to the Covenanted Civil Service should be filled by Indians under the rules and in order to give gradual effect to this scheme the number of appointments made in England was, in 1880, reduced by one-sixth. The whole question was once more re-opened by Lord Dufferin's

*The Public Service Question in India by the Hon'ble Mr. N. Subba Rao Pantulu, B. A., V. L.

Government, and in 1886 the Public Service Commission, presided over by Sir Charles Aitchison, was appointed 'to devise a scheme which may reasonably be hoped to possess the necessary elements of finality and to do full justice to the claims of Natives of India to higher and more extensive employment in the Public Service'. The Commission pronounced itself against holding simultaneous examinations in England and India, and recommended that there should be two distinct Services, one called the Imperial Civil Service to be recruited in England by open competition as here-to-fore, and the other, the Provincial Civil Service, to be recruited in different Provinces partly under a system of competition and partly by promotion from the Subordinate Service. It recommended that about 108 specific appointments, *i. e.* about one-sixth of the appointments reserved to the Covenanted Civil Service in the Regulation Provinces, should be thrown open to and included in the Provincial Service, with which should be amalgamated the higher appointments in the uncovenanted service. Under the scheme established in pursuance of the recommendations of Sir Charles Aitchison's Commission, the general Civil Service was thus divided into three classes: (1) the Civil Service of India which is recruited in England by competitive examination, (2) the Provincial Service and (3) the Subordinate Service; the two latter being recruited provincially in India. The admission to the Provincial Service is sometimes by examination, sometimes by nomination and sometimes by promotion from the Subordinate Service.

Under the Statute of 1870, lists were drawn up on the recommendations of the Public Service Commission, based on the rule that one-sixth of the appointments reserved for the Indian Civil Service should be given to the Provincial Service. The number of appointments so 'listed' was about 103 last year, whereas it should have been something like 165 if the above proportion had been worked up

Government, and in 1886 the Public Service Commission, presided over by Sir Charles Aitchison, was appointed 'to devise a scheme which may reasonably be hoped to possess the necessary elements of finality and to do full justice to the claims of Natives of India to higher and more extensive employment in the Public Service'. The Commission pronounced itself against holding simultaneous examinations in England and India, and recommended that there should be two distinct Services, one called the Imperial Civil Service to be recruited in England by open competition as here-to-fore, and the other, the Provincial Civil Service, to be recruited in different Provinces partly under a system of competition and partly by promotion from the Subordinate Service. It recommended that about 108 specific appointments, *i. e.* about one-sixth of the appointments reserved to the Covenanted Civil Service in the Regulation Provinces, should be thrown open to and included in the Provincial Service, with which should be amalgamated the higher appointments in the uncovenanted service. Under the scheme established in pursuance of the recommendations of Sir Charles Aitchison's Commission, the general Civil Service was thus divided into three classes: (1) the Civil Service of India which is recruited in England by competitive examination, (2) the Provincial Service and (3) the Subordinate Service; the two latter being recruited provincially in India. The admission to the Provincial Service is sometimes by examination, sometimes by nomination and sometimes by promotion from the Subordinate Service.

Under the Statute of 1870, lists were drawn up on the recommendations of the Public Service Commission, based on the rule that one-sixth of the appointments reserved for the Indian Civil Service should be given to the Provincial Service. The number of appointments so 'listed' was about 103 last year, whereas it should have been something like 165 if the above proportion had been worked up

to. And all these posts have not yet been filled up. It is needless to say that the Provincial Service is unpopular and the existing system itself is regarded by the people as most unsatisfactory. This is then the present situation with regard to the Civil Service with which alone we are here concerned. It is to be seen what changes will be made as a result of the recommendations of the Islington Commission in the matter of this Service as well as in connection with the other Services in which also the position of the Indians is not less unsatisfactory.

We cannot close this chapter without referring to another important subject which has been equally under constant discussion for more than fifty years and which has evoked a similarly deep feeling of disappointment, *viz.* the question of the separation of judicial and executive functions. In enumerating the functions which the Collector-Magistrate of a district performs, we have shown that that executive official collects the revenue, controls the police, institutes prosecutions and at the same time exercises large judicial powers. This system has been long regarded as faulty not only by the general voice of public opinion in India—but also by Anglo-Indian officials and by high legal authorities. The separation of the executive and judicial functions united in the same official has been urged upon the attention of Government here and in England by people whose opinion is entitled to the highest weight. For instance, in a memorial submitted to the Secretary of State for India in 1899 by such men of eminence as Lord Hobhouse, Sir Richard Garth, Sir Charles Sargent and seven others, the question was exhaustively treated, and a complete case was made out in favour of the separation of the two duties, and all possible objections to the proposal were successfully met. The controversy has been continued since that time so that every thing that can be said on the subject has now been said. The arguments that the system

to. And all these posts have not yet been filled up. It is needless to say that the Provincial Service is unpopular and the existing system itself is regarded by the people as most unsatisfactory. This is then the present situation with regard to the Civil Service with which alone we are here concerned. It is to be seen what changes will be made as a result of the recommendations of the Islington Commission in the matter of this Service as well as in connection with the other Services in which also the position of the Indians is not less unsatisfactory.

We cannot close this chapter without referring to another important subject which has been equally under constant discussion for more than fifty years and which has evoked a similarly deep feeling of disappointment, *viz.* the question of the separation of judicial and executive functions. In enumerating the functions which the Collector-Magistrate of a district performs, we have shown that that executive official collects the revenue, controls the police, institutes prosecutions and at the same time exercises large judicial powers. This system has been long regarded as faulty not only by the general voice of public opinion in India—but also by Anglo-Indian officials and by high legal authorities. The separation of the executive and judicial functions united in the same official has been urged upon the attention of Government here and in England by people whose opinion is entitled to the highest weight. For instance, in a memorial submitted to the Secretary of State for India in 1899 by such men of eminence as Lord Hobhouse, Sir Richard Garth, Sir Charles Sargent and seven others, the question was exhaustively treated, and a complete case was made out in favour of the separation of the two duties, and all possible objections to the proposal were successfully met. The controversy has been continued since that time so that every thing that can be said on the subject has now been said. The arguments that the system

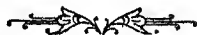
THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART I, 1912, PAGES 1-100. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART II, 1912, PAGES 101-200. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART III, 1912, PAGES 201-300. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART IV, 1912, PAGES 301-400. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART V, 1912, PAGES 401-500. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART VI, 1912, PAGES 501-600. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART VII, 1912, PAGES 601-700. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART VIII, 1912, PAGES 701-800. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART IX, 1912, PAGES 801-900. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART X, 1912, PAGES 901-1000.

THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART I, 1912, PAGES 1-100. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART II, 1912, PAGES 101-200. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART III, 1912, PAGES 201-300. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART IV, 1912, PAGES 301-400. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART V, 1912, PAGES 401-500. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART VI, 1912, PAGES 501-600. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART VII, 1912, PAGES 601-700. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART VIII, 1912, PAGES 701-800. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART IX, 1912, PAGES 801-900. THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLII, PART X, 1912, PAGES 901-1000.

of combination works well and is not responsible for miscarriage of justice, that it conduces to prompt justice and to efficiency of administration, that it contributes to the strength of the executive officials and that a separation of the two functions would involve expenditure that will be prohibitive—have all been refuted and, so far as one can see, the need of the separation has been completely established. It has been suggested that if there are any misgivings with respect to the proposed reform, the scheme of separation may be introduced as an experimental measure in a selected area and be put to the test of experience. In spite of the pronouncement of Sir Henry Adamson in favour of the reform in the Viceroy's Council in 1908, Government has not yet seen its way to do anything in the matter. No doubt, certain practical considerations have been urged on the other side, minimising the urgent importance of the reform, but there is no ground for hesitation, at any rate, in adopting the moderate and cautious proposal about an experiment in that direction in a selected area.

of combination works well and is not responsible for miscarriage of justice, that it conduces to prompt justice and to efficiency of administration, that it contributes to the strength of the executive officials and that a separation of the two functions would involve expenditure that will be prohibitive—have all been refuted and, so far as one can see, the need of the separation has been completely established. It has been suggested that if there are any misgivings with respect to the proposed reform, the scheme of separation may be introduced as an experimental measure in a selected area and be put to the test of experience. In spite of the pronouncement of Sir Henry Adamson in favour of the reform in the Viceroy's Council in 1908, Government has not yet seen its way to do anything in the matter. No doubt, certain practical considerations have been urged on the other side, minimising the urgent importance of the reform, but there is no ground for hesitation, at any rate, in adopting the moderate and cautious proposal about an experiment in that direction in a selected area.

CHAPTER VI.



LEGISLATIVE COUNCILS.

THE Indian Legislature in the creation of Parliamentary Statute and its scope is confined within limits set to it by Acts of Imperial Parliament. But within the limits so prescribed, subject to the control of the Home authorities, it has plenary powers of legislation as large and of the same nature as those of Parliament itself.* The legislative powers which the Supreme Council and the Provincial Councils now possess, are the result of a long process of evolution covering more than a century. Before the creation of one regular legislature for British India by the Charter Act of 1833, the Governments of Madras and Bombay as well as the Governor General-in-Council of Bengal had such powers to make laws and regulations for their respective territories and thus separate bodies of Regulations had grown up in the three presidencies. The

* The full and unrestricted power of Parliament in this behalf has been thus reserved by the Government of India Act, 1833 :—

51 Provided alwaysthat nothing herein contained shall extend to affect in any way the right of Parliament to make laws for the said territories and for all the inhabitants thereof.

And it is expressly declared that a full, complete and constantly existing right and power is intended to be reserved to Parliament to control, super-
side or prevent all proceedings and acts whatsoever of the said Governor General-in-Council, and to repeal and alter at any time any law or regulation whatsoever made by the said Governor General-in-Council and in all respects to legislate for the said territories and all the inhabitants thereof in as full and ample a manner as if this Act had not passed.

The Act then goes on to require that all laws and regulations made by the Governor General-in-Council be laid before Parliament.

CHAPTER VI.



LEGISLATIVE COUNCILS.

THE Indian Legislature in the creation of Parliamentary Statute and its scope is confined within limits set to it by Acts of Imperial Parliament. But within the limits so prescribed, subject to the control of the Home authorities, it has plenary powers of legislation as large and of the same nature as those of Parliament itself.* The legislative powers which the Supreme Council and the Provincial Councils now possess, are the result of a long process of evolution covering more than a century. Before the creation of one regular legislature for British India by the Charter Act of 1833, the Governments of Madras and Bombay as well as the Governor General-in-Council of Bengal had such powers to make laws and regulations for their respective territories and thus separate bodies of Regulations had grown up in the three presidencies. The

* The full and unrestricted power of Parliament in this behalf has been thus reserved by the Government of India Act, 1833 :—

51 Provided alwaysthat nothing herein contained shall extend to affect in any way the right of Parliament to make laws for the said territories and for all the inhabitants thereof.

And it is expressly declared that a full, complete and constantly existing right and power is intended to be reserved to Parliament to control, super-
side or prevent all proceedings and acts whatsoever of the said Governor General-in-Council, and to repeal and alter at any time any law or regulation whatsoever made by the said Governor General-in-Council and in all respects to legislate for the said territories and all the inhabitants thereof in as full and ample a manner as if this Act had not passed.

The Act then goes on to require that all laws and regulations made by the Governor General-in-Council be laid before Parliament.

THE HISTORY OF THE

REPUBLIC OF THE UNITED STATES

OF AMERICA

The history of the United States of America is a story of a young nation that grew from a small colony of settlers to a powerful republic. The story begins with the first European settlers who came to the Americas in the late 15th century. These settlers were primarily from Spain, France, and England, and they established colonies in various parts of the continent. Over time, these colonies grew and developed, and they began to assert their independence from their European parent countries. The American Revolution, which began in 1775, was a pivotal moment in the nation's history. It was a war for independence that resulted in the United States becoming a sovereign nation. The Constitution, which was adopted in 1787, established the framework for the new government. The United States has since grown into a powerful nation, with a rich cultural heritage and a strong economy. It has played a significant role in world history, and its influence is felt around the globe.

The United States has a long and proud history, and it is a nation that has achieved many great things. It is a nation of freedom, of opportunity, and of hope. It is a nation that has inspired the world, and it is a nation that will continue to inspire generations to come. The history of the United States is a story of a nation that has grown from a small colony to a powerful republic, and it is a story that will continue to be told for many years to come.

legislative powers were not distinguished from the executive and the two were lodged in the same hands. At that time there were five different bodies of Statute law in force in India. 'First, there was the whole body of Statute law existing so far as it was applicable which was introduced by the Charter of George I and which applied, at least in the presidency towns. Secondly, all English Acts subsequent to that date which were expressly extended to any part of India. Thirdly, the regulations of the Governor-General's Council, which commence with the Revised Code of 1793 containing forty-eight regulations, all passed on the same day (which embraced the results of twelve years' antecedent legislation), and were continued down to the year 1834. They only had force in the territories of Bengal. Fourthly, the regulations of the Madras Council, which spread over the period of thirty-two years from 1802 to 1834 and are (were) in force in the Presidency of Fort St. George. Fifthly, the regulations of the Bombay Code, which began with the revised code of Mr. Mountstuart Elphinstone in 1827, comprising the results of twelve years' previous legislation, and were also continued to 1834, having force and validity in the Presidency of Fort St. David (Bombay).† This confusion was put an end to by the Act of 1833 which vested the legislative power of the Indian Government exclusively in the Governor General-in-Council and under which Macaulay was appointed in the following year to be the first legislative councillor on the Governor General's Council, that body being thus increased by the addition of a fourth ordinary member who had no power to sit or vote except at meetings for the purpose of making laws and regulations. The laws made by this Council were, subject to their not being disallowed by the Court of Directors, to have effect as Acts of Parliament. Henceforward the laws passed by the Indian legislature

† Cowell's Tagore Lectures.

legislative powers were not distinguished from the executive and the two were lodged in the same hands. At that time there were five different bodies of Statute law in force in India. 'First, there was the whole body of Statute law existing so far as it was applicable which was introduced by the Charter of George I and which applied, at least in the presidency towns. Secondly, all English Acts subsequent to that date which were expressly extended to any part of India. Thirdly, the regulations of the Governor-General's Council, which commence with the Revised Code of 1793 containing forty-eight regulations, all passed on the same day (which embraced the results of twelve years' antecedent legislation), and were continued down to the year 1834. They only had force in the territories of Bengal. Fourthly, the regulations of the Madras Council, which spread over the period of thirty-two years from 1802 to 1834 and are (were) in force in the Presidency of Fort St. George. Fifthly, the regulations of the Bombay Code, which began with the revised code of Mr. Mountstuart Elphinstone in 1827, comprising the results of twelve years' previous legislation, and were also continued to 1834, having force and validity in the Presidency of Fort St. David (Bombay.)† This confusion was put an end to by the Act of 1833 which vested the legislative power of the Indian Government exclusively in the Governor General-in-Council and under which Macaulay was appointed in the following year to be the first legislative councillor on the Governor General's Council, that body being thus increased by the addition of a fourth ordinary member who had no power to sit or vote except at meetings for the purpose of making laws and regulations. The laws made by this Council were, subject to their not being disallowed by the Court of Directors, to have effect as Acts of Parliament. Henceforward the laws passed by the Indian legislature

† Cowell's Tagore Lectures.

The first of these is the fact that the library is a social institution. It is not a neutral, objective entity, but a social construct. The library is a social institution because it is a place where people go to borrow books, to read, to study, to research, to socialise, to play, to work, to live. The library is a social institution because it is a place where people meet, where they share ideas, where they learn from each other. The library is a social institution because it is a place where people are taught, where they are inspired, where they are challenged. The library is a social institution because it is a place where people are given the opportunity to learn, to grow, to change. The library is a social institution because it is a place where people are given the opportunity to be part of something bigger than themselves. The library is a social institution because it is a place where people are given the opportunity to be part of a community. The library is a social institution because it is a place where people are given the opportunity to be part of a world.

The second of these is the fact that the library is a cultural institution. It is not a neutral, objective entity, but a cultural construct. The library is a cultural institution because it is a place where people go to borrow books, to read, to study, to research, to socialise, to play, to work, to live. The library is a cultural institution because it is a place where people meet, where they share ideas, where they learn from each other. The library is a cultural institution because it is a place where people are taught, where they are inspired, where they are challenged. The library is a cultural institution because it is a place where people are given the opportunity to learn, to grow, to change. The library is a cultural institution because it is a place where people are given the opportunity to be part of something bigger than themselves. The library is a cultural institution because it is a place where people are given the opportunity to be part of a community. The library is a cultural institution because it is a place where people are given the opportunity to be part of a world.

The third of these is the fact that the library is an economic institution. It is not a neutral, objective entity, but an economic construct. The library is an economic institution because it is a place where people go to borrow books, to read, to study, to research, to socialise, to play, to work, to live. The library is an economic institution because it is a place where people meet, where they share ideas, where they learn from each other. The library is an economic institution because it is a place where people are taught, where they are inspired, where they are challenged. The library is an economic institution because it is a place where people are given the opportunity to learn, to grow, to change. The library is an economic institution because it is a place where people are given the opportunity to be part of something bigger than themselves. The library is an economic institution because it is a place where people are given the opportunity to be part of a community. The library is an economic institution because it is a place where people are given the opportunity to be part of a world.

were known as Acts as distinguished from the old Regulations. A clear distinction between the executive and the legislative body is here recognised for the first time, and the Act of 1833 may be regarded as the first land-mark in the history of the Indian Legislative Councils.

The second land-mark was erected by the Charter Act of 1853 by which the fourth or legislative member of the Governor-General's Council was placed on the same footing with the ordinary members of the Council by being given a right to sit or vote at executive meetings. The Council was at the same time enlarged for legislative purposes by the addition of six members: the Chief Justice of Bengal, another judge and four of the Company's servants of ten years' standing appointed by the Governments of Bengal, Madras, Bombay and the North Western Provinces. The Governor General's Council, thus enlarged for the purpose of legislation, had, in this way, twelve members: the Governor-General, the Commander-in-Chief, four ordinary members of the Council, the Chief Justice of Bengal, a puisne judge and four representative members from the four provinces. The sittings of the Legislative Council were made public and their proceedings were officially published. This Legislative Council, however, evinced an inconvenient degree of independence and a tendency to interfere with the executive, and the defect was remedied eight years later. The third stage in the growth of the Indian legislature was reached in 1861 in which year the constitution of the Legislative Council of the Governor General was remodelled and the power of legislation which had been taken away from the Governments of Madras and Bombay by the Act of 1833 was restored to them. The Indian Councils Act, 1861 enacted:—"For the better exercise of the power of making laws and regulations vested in the Governor General-in-Council, the Governor General shall nominate, in addition to the ordinary and extraordinary

were known as Acts as distinguished from the old Regulations. A clear distinction between the executive and the legislative body is here recognised for the first time, and the Act of 1833 may be regarded as the first land-mark in the history of the Indian Legislative Councils.

The second land-mark was erected by the Charter Act of 1853 by which the fourth or legislative member of the Governor-General's Council was placed on the same footing with the ordinary members of the Council by being given a right to sit or vote at executive meetings. The Council was at the same time enlarged for legislative purposes by the addition of six members: the Chief Justice of Bengal, another judge and four of the Company's servants of ten years' standing appointed by the Governments of Bengal, Madras, Bombay and the North Western Provinces. The Governor General's Council, thus enlarged for the purpose of legislation, had, in this way, twelve members: the Governor-General, the Commander-in-Chief, four ordinary members of the Council, the Chief Justice of Bengal, a puisne judge and four representative members from the four provinces. The sittings of the Legislative Council were made public and their proceedings were officially published. This Legislative Council, however, evinced an inconvenient degree of independence and a tendency to interfere with the executive, and the defect was remedied eight years later. The third stage in the growth of the Indian legislature was reached in 1861 in which year the constitution of the Legislative Council of the Governor General was remodelled and the power of legislation which had been taken away from the Governments of Madras and Bombay by the Act of 1833 was restored to them. The Indian Councils Act, 1861 enacted:—"For the better exercise of the power of making laws and regulations vested in the Governor General-in-Council, the Governor General shall nominate, in addition to the ordinary and extraordinary

[illegible]

members above mentioned and to such Lieutenant Governor in the case aforesaid,* such persons, not less than six nor more than twelve in number as to him may seem expedient, to be members of Council for the purpose of making laws and regulations only; and such persons shall not be entitled to sit or vote at any meeting of Council, except at meetings held for such purpose: provided that not less than one-half of the persons so nominated shall be non-official persons, that is, persons who, at the date of such nomination, shall not be in the Civil or Military service of the Crown in India and that the seat in Council of any non-official member accepting office under the Crown in India shall be vacated on such acceptance." To obviate the interference of the Legislative Council with the executive, the functions of the Council were limited strictly to legislation and other restraints were also placed upon it with the same view. No member could introduce, without the previous sanction of the Governor General, any measure affecting the public debt or public revenues of India, or relating to religion or religious rights and usages, to the discipline of military or naval forces or the relations of the Government with foreign princes or States. The assent of the Governor General was made essential to every law and regulation which might be disallowed also by the Crown, the disallowance being signified through the Secretary of State for India. Large powers of legislation were accorded to the Governor General-in-Council, subject to specific exceptions which were inserted to maintain the authority of Parliament and its enactments. The Act also provided that 'it shall be lawful for the Governor General, in cases of emergency, to make and promulgate, from time to time, ordinances for the peace and good government of the said territories or of any part thereof,' and 'every such ordinance shall have like force of law with a law or regula-

* The Lieutenant Governor of the Province in which the Council meets.



FIG. 1. The spatial distribution of monthly precipitation anomalies (mm) for the period 1979–2000. The maps are arranged in four rows and four columns, labeled (a) through (d) on the left and (1) through (4) on the top.

members above mentioned and to such Lieutenant Governor in the case aforesaid,* such persons, not less than six nor more than twelve in number as to him may seem expedient, to be members of Council for the purpose of making laws and regulations only; and such persons shall not be entitled to sit or vote at any meeting of Council, except at meetings held for such purpose: provided that not less than one-half of the persons so nominated shall be non-official persons, that is, persons who, at the date of such nomination, shall not be in the Civil or Military service of the Crown in India and that the seat in Council of any non-official member accepting office under the Crown in India shall be vacated on such acceptance." To obviate the interference of the Legislative Council with the executive, the functions of the Council were limited strictly to legislation and other restraints were also placed upon it with the same view. No member could introduce, without the previous sanction of the Governor General, any measure affecting the public debt or public revenues of India, or relating to religion or religious rights and usages, to the discipline of military or naval forces or the relations of the Government with foreign princes or States. The assent of the Governor General was made essential to every law and regulation which might be disallowed also by the Crown, the disallowance being signified through the Secretary of State for India. Large powers of legislation were accorded to the Governor General-in-Council, subject to specific exceptions which were inserted to maintain the authority of Parliament and its enactments. The Act also provided that 'it shall be lawful for the Governor General, in cases of emergency, to make and promulgate, from time to time, ordinances for the peace and good government of the said territories or of any part thereof,' and 'every such ordinance shall have like force of law with a law or regula-

* The Lieutenant Governor of the Province in which the Council meets.

tion made by the Governor General-in-Council as by this Act provided, for the space of not more than six months from its promulgation.' The orders and regulations which had been issued by the Governor General for the administration of newly organised territories were validated by this Act. The Governments of Madras and Bombay were re-invested with the power of legislation, their Councils being expanded for legislative purposes by the addition of the Advocate General of the Presidency and such other persons, not less than four nor more than eight in number, on the same lines as the Council of the Governor General. No law could be valid unless and until it had received the assent of the Governor General in addition to that of the Secretary of State. The Act of 1861 directed the Governor General-in-Council to establish, by proclamation, a Legislative Council for Bengal and empowered him to set up similar Legislative Councils in other provinces. Not less than one-third of the members of any Council so set up were to be non-officials. In pursuance of this power, Legislative Councils were established in Bengal in 1862, in the United Provinces in 1886, in the Punjab and Burma in 1898, in Eastern Bengal and Assam in 1905 and very recently in November, 1913, in the Central Provinces.*

* The following proclamation was issued by the Governor General-in-Council early in November last :—

"In exercise of the power conferred by Section 3 of the Government of India Act 1912, (2 and 3 Geo. V. C. 6), the Governor General-in-Council is pleased to extend to the territories for the time being administered by the Chief Commissioner of the Central Provinces the provisions of the Indian Councils Acts, 1861 to 1909, touching the making of laws and regulations for the peace and good government of the provinces under Lieutenant Governors (including the constitution of the Legislative Councils for such provinces and the business to be transacted therein) subject to the modifications that in the application to the said territories of the provisions aforesaid references to a Lieutenant Governor shall be construed as references to the Chief Commissioner of the Central Provinces. "

The following proclamation, to which the Sanction of His Majesty the King-Emperor of India has been signified by the Secretary of State for India-in-Council, was also published :—

(Continued.)

The first of these is the fact that the American Medical Association has been successful in its efforts to secure the passage of the Federal Food and Drug Act, which has been one of the most important pieces of legislation in the history of the United States. This act has been a landmark in the history of the United States, and it has been a great success for the American Medical Association. The second of these is the fact that the American Medical Association has been successful in its efforts to secure the passage of the Federal Food and Drug Act, which has been one of the most important pieces of legislation in the history of the United States. This act has been a landmark in the history of the United States, and it has been a great success for the American Medical Association. The third of these is the fact that the American Medical Association has been successful in its efforts to secure the passage of the Federal Food and Drug Act, which has been one of the most important pieces of legislation in the history of the United States. This act has been a landmark in the history of the United States, and it has been a great success for the American Medical Association.

The fourth of these is the fact that the American Medical Association has been successful in its efforts to secure the passage of the Federal Food and Drug Act, which has been one of the most important pieces of legislation in the history of the United States. This act has been a landmark in the history of the United States, and it has been a great success for the American Medical Association. The fifth of these is the fact that the American Medical Association has been successful in its efforts to secure the passage of the Federal Food and Drug Act, which has been one of the most important pieces of legislation in the history of the United States. This act has been a landmark in the history of the United States, and it has been a great success for the American Medical Association.

tion made by the Governor General-in-Council as by this Act provided, for the space of not more than six months from its promulgation.' The orders and regulations which had been issued by the Governor General for the administration of newly organised territories were validated by this Act. The Governments of Madras and Bombay were re-invested with the power of legislation, their Councils being expanded for legislative purposes by the addition of the Advocate General of the Presidency and such other persons, not less than four nor more than eight in number, on the same lines as the Council of the Governor General. No law could be valid unless and until it had received the assent of the Governor General in addition to that of the Secretary of State. The Act of 1861 directed the Governor General-in-Council to establish, by proclamation, a Legislative Council for Bengal and empowered him to set up similar Legislative Councils in other provinces. Not less than one-third of the members of any Council so set up were to be non-officials. In pursuance of this power, Legislative Councils were established in Bengal in 1862, in the United Provinces in 1886, in the Punjab and Burma in 1898, in Eastern Bengal and Assam in 1905 and very recently in November, 1913, in the Central Provinces.*

* The following proclamation was issued by the Governor General-in-Council early in November last :—

"In exercise of the power conferred by Section 3 of the Government of India Act 1912, (2 and 3 Geo. V. C. 6), the Governor General-in-Council is pleased to extend to the territories for the time being administered by the Chief Commissioner of the Central Provinces the provisions of the Indian Councils Acts, 1861 to 1909, touching the making of laws and regulations for the peace and good government of the provinces under Lieutenant Governors (including the constitution of the Legislative Councils for such provinces and the business to be transacted therein) subject to the modifications that in the application to the said territories of the provisions aforesaid references to a Lieutenant Governor shall be construed as references to the Chief Commissioner of the Central Provinces. "

The following proclamation, to which the Sanction of His Majesty the King-Emperor of India has been signified by the Secretary of State for India-in-Council, was also published :—

(Continued.)

The next land-mark in the history of the Indian legislature is the Indian Councils Act, 1892 which authorized an increase in the size of the Legislative Councils and changes in the method of nomination and relaxed to some extent the restrictions imposed on their proceedings by the Act of 1861. The numbers of members to be nominated for legislative purposes were now fixed at 10 to 16 for the Governor General's Council, 8 to 20 for Madras and Bombay, not more than 20 for Bengal and not more than 15 for the United Provinces, the minimum proportion of non-officials being left as before. At the same time powers by the exercise of which important advances were made, were conferred by a subsection authorizing the Governor General-in-Council, with the approval of the Secretary of State-in-Council, to make "regulations as to the conditions under which such nominations or any of them, shall be made by the Governor General, Governors and Lieutenant Governors respectively." By regulations subsequently made the principle of election was tentatively introduced, and the proportion of non-officials was increased beyond the minimum laid down by the Act of 1861. The Governor General's Legislative Council, for example, had to include 10 non-officials, of whom five were nominated on the recommendation of the Calcutta Chamber of Commerce and the non-official members of the Legislative Councils of Madras, Bombay, Bengal and the United Provinces. In Bombay,

"In exercise of the powers conferred by the Indian Councils Act 1861 (24 and 25 Vict. C. 67) and all other powers enabling him in this behalf, the Governor General is pleased to constitute the territories for the time being administered by the Chief Commissioner of the Central Provinces to be, for the purposes of the Indian Councils Act, 1861 a Province to which the provisions of that Act touching the making of laws and regulations for the peace and good government of the Presidencies of Fort St. George and Bombay shall be applicable.

The Governor General-in-Council was also pleased to specify the 10th day of November 1913, as the time at which the application of the said provisions of the Indian Councils Act, 1861, to the said territories shall take effect."

The next land-mark in the history of the Indian legislature is the Indian Councils Act, 1892 which authorized an increase in the size of the Legislative Councils and changes in the method of nomination and relaxed to some extent the restrictions imposed on their proceedings by the Act of 1861. The numbers of members to be nominated for legislative purposes were now fixed at 10 to 16 for the Governor General's Council, 8 to 20 for Madras and Bombay, not more than 20 for Bengal and not more than 15 for the United Provinces, the minimum proportion of non-officials being left as before. At the same time powers by the exercise of which important advances were made, were conferred by a subsection authorizing the Governor General-in-Council, with the approval of the Secretary of State-in-Council, to make "regulations as to the conditions under which such nominations or any of them, shall be made by the Governor General, Governors and Lieutenant Governors respectively." By regulations subsequently made the principle of election was tentatively introduced, and the proportion of non-officials was increased beyond the minimum laid down by the Act of 1861. The Governor General's Legislative Council, for example, had to include 10 non-officials, of whom five were nominated on the recommendation of the Calcutta Chamber of Commerce and the non-official members of the Legislative Councils of Madras, Bombay, Bengal and the United Provinces. In Bombay,

"In exercise of the powers conferred by the Indian Councils Act 1861 (24 and 25 Vict. C. 67) and all other powers enabling him in this behalf, the Governor General is pleased to constitute the territories for the time being administered by the Chief Commissioner of the Central Provinces to be, for the purposes of the Indian Councils Act, 1861 a Province to which the provisions of that Act touching the making of laws and regulations for the peace and good government of the Presidencies of Fort St. George and Bombay shall be applicable.

The Governor General-in-Council was also pleased to specify the 10th day of November 1913, as the time at which the application of the said provisions of the Indian Councils Act, 1861, to the said territories shall take effect."

The first of these is the fact that the human body is not a static entity, but a dynamic one, constantly changing and adapting to its environment. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The second is the fact that the human body is not a simple machine, but a complex system, in which the various parts are interrelated and interdependent. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The third is the fact that the human body is not a passive recipient of external influences, but an active participant in the process of adaptation. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The fourth is the fact that the human body is not a single entity, but a collection of many different parts, each of which has its own function and its own development. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The fifth is the fact that the human body is not a simple machine, but a complex system, in which the various parts are interrelated and interdependent. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The sixth is the fact that the human body is not a passive recipient of external influences, but an active participant in the process of adaptation. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The seventh is the fact that the human body is not a single entity, but a collection of many different parts, each of which has its own function and its own development. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The eighth is the fact that the human body is not a simple machine, but a complex system, in which the various parts are interrelated and interdependent. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The ninth is the fact that the human body is not a passive recipient of external influences, but an active participant in the process of adaptation. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The tenth is the fact that the human body is not a single entity, but a collection of many different parts, each of which has its own function and its own development. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body.

The human body is a complex system, in which the various parts are interrelated and interdependent. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The human body is not a simple machine, but a complex system, in which the various parts are interrelated and interdependent. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The human body is not a passive recipient of external influences, but an active participant in the process of adaptation. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The human body is not a single entity, but a collection of many different parts, each of which has its own function and its own development. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body.

The human body is a complex system, in which the various parts are interrelated and interdependent. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body. The human body is not a simple machine, but a complex system, in which the various parts are interrelated and interdependent. This is evident in the changes in the shape and size of the body, in the development of the organs, and in the changes in the functions of the body.

8 out of 11 non-officials were nominated on the recommendation of various bodies and associations, including the Corporation, the University, groups of municipal corporations, groups of local district boards, classes of large landholders and associations of merchants, manufacturers or tradesmen. Similar provisions were made in regard to the Legislative Councils of Madras, Bengal, Eastern Bengal and Assam and the United Provinces. In the case of the smaller councils of the Punjab and Burma, no provision was made for recommendation, nor were the privileges referred to immediately below, of discussing the provincial budget and of putting questions on matters outside the business in hand extended to them. The Act of 1892 further provided as follows :—"Notwithstanding any provisions in the Indian Councils Act, 1861, the Governor General of India-in-Council may from time to time make rules authorizing at any meeting of the Governor General's Council for the purposes of making rules and regulations the discussion of the annual financial statement of the Governor General-in-Council and the asking of questions, but under such conditions and restrictions as to subject or otherwise as shall be in the said rules prescribed or declared " But no member at any such meeting of any Council shall have power to submit or propose any resolution, or to divide the Council in respect of any such financial discussion, or the answer to any question asked under the authority of this Act, or the rules made under this Act....." Similar provision was made for the provincial Legislative Councils. Action was taken under this section in all the more advanced provinces, and in the annual discussion on the financial statement members were allowed to draw attention to any financial matter they pleased, whether it arose directly out of the budget proposals or not. To sum up the position before the passing of the Act of 1909: "The Legislative Councils varied in size between a total strength of 9 (excluding the Lieutenant Governor) in the

The first of these is the fact that the system is not a simple one. It is a complex system, and the complexity is not only in the number of components, but also in the way they are interconnected. The second is that the system is not a static one. It is a dynamic system, and the dynamics are not only in the way the components interact, but also in the way the system evolves over time. The third is that the system is not a linear one. It is a non-linear system, and the non-linearity is not only in the way the components interact, but also in the way the system evolves over time. The fourth is that the system is not a deterministic one. It is a stochastic system, and the stochasticity is not only in the way the components interact, but also in the way the system evolves over time. The fifth is that the system is not a simple one. It is a complex system, and the complexity is not only in the number of components, but also in the way they are interconnected. The sixth is that the system is not a static one. It is a dynamic system, and the dynamics are not only in the way the components interact, but also in the way the system evolves over time. The seventh is that the system is not a linear one. It is a non-linear system, and the non-linearity is not only in the way the components interact, but also in the way the system evolves over time. The eighth is that the system is not a deterministic one. It is a stochastic system, and the stochasticity is not only in the way the components interact, but also in the way the system evolves over time.

[illegible]

8 out of 11 non-officials were nominated on the recommendation of various bodies and associations, including the Corporation, the University, groups of municipal corporations, groups of local district boards, classes of large landholders and associations of merchants, manufacturers or tradesmen. Similar provisions were made in regard to the Legislative Councils of Madras, Bengal, Eastern Bengal and Assam and the United Provinces. In the case of the smaller councils of the Punjab and Burma, no provision was made for recommendation, nor were the privileges referred to immediately below, of discussing the provincial budget and of putting questions on matters outside the business in hand extended to them. The Act of 1892 further provided as follows :—"Notwithstanding any provisions in the Indian Councils Act, 1861, the Governor General of India-in-Council may from time to time make rules authorizing at any meeting of the Governor General's Council for the purposes of making rules and regulations the discussion of the annual financial statement of the Governor General-in-Council and the asking of questions, but under such conditions and restrictions as to subject or otherwise as shall be in the said rules prescribed or declared "..... But no member at any such meeting of any Council shall have power to submit or propose any resolution, or to divide the Council in respect of any such financial discussion, or the answer to any question asked under the authority of this Act, or the rules made under this Act....." Similar provision was made for the provincial Legislative Councils. Action was taken under this section in all the more advanced provinces, and in the annual discussion on the financial statement members were allowed to draw attention to any financial matter they pleased, whether it arose directly out of the budget proposals or not. To sum up the position before the passing of the Act of 1909: "The Legislative Councils varied in size between a total strength of 9 (excluding the Lieutenant Governor) in the

Punjab and Burma and a maximum of 24 (excluding the Governor-General) in the case of the Governor-General's Council. A minimum proportion of non-officials was required by Statute, but though by Regulations under the Statute provision was made for the appointment of non-officials in excess of this proportion, an official majority of votes was as a rule available in a full Council. (An exception to this general rule was to be found in Bombay, where in 1908, the Council consisted of 10 officials, including the Governor and 14 non-officials.) Of the non-officials, some, except in the Punjab and Burma, were nominated on recommendation, and might be regarded as "elected" in a somewhat qualified sense of the word. Finally, the activities of the Councils were strictly limited, except on the occasion of the annual budget debate which was apt to be of a desultory and unsatisfactory nature, to legislative business and the asking of questions. "**

The changes in the constitution and functions of the Indian Legislative Councils described above constituted an advance over the state of things which had been brought about by the Act of 1892, but they were not substantial enough to satisfy the aspirations of Indian people who understood the value of the Councils and all that they signified. Writing in 1894 only two years after the reforms were introduced, Sir George Chesney remarked that 'this expansion in size and functions of the Legislative Councils, the proposal for which emanated from the Government of India, and the details for carrying out which are all in accordance with their recommendations, is thus the first beginning of what may possibly hereafter develop into something of the nature of Parliamentary institutions as obtaining in the other parts of the world. The step taken may not be a wide one; the mode of regulat-

* Statement exhibiting the moral and material progress and condition of India, 1901-1911.

Punjab and Burma and a maximum of 24 (excluding the Governor General) in the case of the Governor General's Council. A minimum proportion of non-officials was required by Statute, but though by Regulations under the Statute provision was made for the appointment of non-officials in excess of this proportion, an official majority of votes was as a rule available in a full Council. (An exception to this general rule was to be found in Bombay, where in 1908, the Council consisted of 10 officials, including the Governor and 14 non-officials.) Of the non-officials, some, except in the Punjab and Burma, were nominated on recommendation, and might be regarded as "elected" in a somewhat qualified sense of the word. Finally, the activities of the Councils were strictly limited, except on the occasion of the annual budget debate which was apt to be of a desultory and unsatisfactory nature, to legislative business and the asking of questions. "*"

The changes in the constitution and functions of the Indian Legislative Councils described above constituted an advance over the state of things which had been brought about by the Act of 1892, but they were not substantial enough to satisfy the aspirations of Indian people who understood the value of the Councils and all that they signified. Writing in 1894 only two years after the reforms were introduced, Sir George Chesney remarked that 'this expansion in size and functions of the Legislative Councils, the proposal for which emanated from the Government of India, and the details for carrying out which are all in accordance with their recommendations, is thus the first beginning of what may possibly hereafter develop into something of the nature of Parliamentary institutions as obtaining in the other parts of the world. The step taken may not be a wide one; the mode of regulat-

* Statement exhibiting the moral and material progress and condition of India, 1901-1911.

ing nominations rests with the executive government ; the bodies to which this partial nomination has been entrusted are themselves elected on a very narrow and exclusive franchise.....” During the next few years the urgent need of further expanding and reforming the Councils so as to satisfy, in a large measure, the aspirations of the Indian people to be more intimately associated with the work of legislation and administration, was felt on all sides and notably by the Government of Lord Minto who, in a minute reviewing the disturbed and anxious political situation of the time, pointed out in 1906, how the growth of education, encouraged by the British rule, had led to the rise of important classes aspiring to take a larger part in shaping the policy of the Government. The Government of India discussed the whole subject with the Provincial Governments and the Secretary of State, and various proposals were exhaustively dealt with in the course of this discussion. As a result, a scheme of reform was agreed upon and the statutory power required to carry it into effect was obtained from Parliament by means of the Indian Councils Act, 1909. It provided that the members of the various Legislative Councils instead of being all nominated by the Governor or Lieutenant Governor as provided by the Acts of 1861 and 1892, ‘shall include members so nominated and also members elected in accordance with regulations made under this Act.’ The number of members in each Council was increased and it also provided that the Governments of the various provinces ‘shall make rules authorizing at any meeting of their respective Legislative Councils the discussion of the annual financial statement of the Governor General-in-Council or of their respective Local Governments as the case may be, and of any matter of general public interest and the asking of questions, under such conditions and restrictions as may be prescribed in the rules applicable to the several Councils’. Power was given to the Government of India to make

THE NEW YORK PUBLIC LIBRARY
ASTOR LENOX TILDEN FOUNDATION
1215 BROADWAY
NEW YORK

THE NEW YORK PUBLIC LIBRARY
ASTOR LENOX TILDEN FOUNDATION
1215 BROADWAY
NEW YORK

THE NEW YORK PUBLIC LIBRARY
ASTOR LENOX TILDEN FOUNDATION
1215 BROADWAY
NEW YORK

ing nominations rests with the executive government ; the bodies to which this partial nomination has been entrusted are themselves elected on a very narrow and exclusive franchise.....” During the next few years the urgent need of further expanding and reforming the Councils so as to satisfy, in a large measure, the aspirations of the Indian people to be more intimately associated with the work of legislation and administration, was felt on all sides and notably by the Government of Lord Minto who, in a minute reviewing the disturbed and anxious political situation of the time, pointed out in 1906, how the growth of education, encouraged by the British rule, had led to the rise of important classes aspiring to take a larger part in shaping the policy of the Government. The Government of India discussed the whole subject with the Provincial Governments and the Secretary of State, and various proposals were exhaustively dealt with in the course of this discussion. As a result, a scheme of reform was agreed upon and the statutory power required to carry it into effect was obtained from Parliament by means of the Indian Councils Act, 1909. It provided that the members of the various Legislative Councils instead of being all nominated by the Governor or Lieutenant Governor as provided by the Acts of 1861 and 1892, ‘shall include members so nominated and also members elected in accordance with regulations made under this Act.’ The number of members in each Council was increased and it also provided that the Governments of the various provinces ‘shall make rules authorizing at any meeting of their respective Legislative Councils the discussion of the annual financial statement of the Governor General-in-Council or of their respective Local Governments as the case may be, and of any matter of general public interest and the asking of questions, under such conditions and restrictions as may be prescribed in the rules applicable to the several Councils’. Power was given to the Government of India to make

ules and regulations in this behalf in consonance with the general principles laid down in the Act, and rules were accordingly framed concerning the various details, about the method of election, qualifications for membership and so on. The regulations framed in 1909 had to be modified later on when they came to be revised on account of the administrative changes announced at the Delhi Durbar which necessitated the rearrangements of certain electorates. Other changes were suggested by the experience which had been gained in the practical working of the regulations of 1909. In a memorandum forwarding the regulations so amended in 1912 in consultation with the local Governments, to the Secretary of State for India, the Government of India observed :—"In formulating our proposals we have kept in view as a guiding principle the fact that since the Councils have so far stood the test of only one general election, it would be premature and impolitic at this stage of their development to embark upon any material changes in the broad principles upon which their constitution is based. The amendments made have been confined, therefore, so far as possible, to matters of detail, and consist to a large extent, of an attempt to simplify and render more convenient the electoral procedure". This was apparently intended as an explanation to meet the criticism to which the regulations were subjected. It is absolutely impossible for us to give here even the chief regulations appertaining to the various provinces, which are embodied in a bulky blue book* of six hundred pages. An attempt will, however, be made to give a fairly adequate idea of the present constitution of the Councils, the method of election, and nomination to them, the procedure followed in them in the matter of legislation, and the qualifications of the electors and of the candidates and so forth.

* Revised Regulations &c. for giving effect to the Indian Councils Act 1909-1910.

ules and regulations in this behalf in consonance with the general principles laid down in the Act, and rules were accordingly framed concerning the various details, about the method of election, qualifications for membership and so on. The regulations framed in 1909 had to be modified later on when they came to be revised on account of the administrative changes announced at the Delhi Durbar which necessitated the rearrangements of certain electorates. Other changes were suggested by the experience which had been gained in the practical working of the regulations of 1909. In a memorandum forwarding the regulations so amended in 1912 in consultation with the local Governments, to the Secretary of State for India, the Government of India observed :—"In formulating our proposals we have kept in view as a guiding principle the fact that since the Councils have so far stood the test of only one general election, it would be premature and impolitic at this stage of their development to embark upon any material changes in the broad principles upon which their constitution is based. The amendments made have been confined, therefore, so far as possible, to matters of detail, and consist to a large extent, of an attempt to simplify and render more convenient the electoral procedure". This was apparently intended as an explanation to meet the criticism to which the regulations were subjected. It is absolutely impossible for us to give here even the chief regulations appertaining to the various provinces, which are embodied in a bulky blue book* of six hundred pages. An attempt will, however, be made to give a fairly adequate idea of the present constitution of the Councils, the method of election, and nomination to them, the procedure followed in them in the matter of legislation, and the qualifications of the electors and of the candidates and so forth.

* Revised Regulations &c. for giving effect to the Indian Councils Act 1909-1910.

The following tables will show the constitution of the several Councils under the Regulations of 1912.

• IMPERIAL LEGISLATIVE COUNCIL.

Ex-Officio.

The 6 ordinary members of the Governor General's Council, the Commander-in-Chief, and the Lieutenant Governor or Chief Commissioner of the province in which the Council sits	8
---	-----	-----	---

Additional.

Nominated members of whom not more than 28 must be officials; and of whom 9 are officials representing provinces and 3, being non-officials, shall be elected respectively from the landholders of the Punjab, the Mahomedans of the Punjab and the Indian Commercial community	33
---	-----	-----	----

Elected members elected by—

(a) The Provincial Legislative Councils...	...	13	
(b) The landholders of Madras, Bombay, Bengal, the United Provinces, Bihar and Orissa and the Central Provinces	..	6	
(c) The Mahomedans of Madras, Bombay, Bengal, the United Provinces and Bihar and Orissa	...	5	
(d) The Mahomedan landholders in the United Provinces or Mahomedans of Bengal (at alternate elections)	...	1	
(c) The Chambers of Commerce, Calcutta and Bombay	...	2	
		—	27
			—
Total	...		68
Or, including the Governor General	...		69

MADRAS LEGISLATIVE COUNCIL.

Ex-Officio.

Members of the Executive Council	...	3
Advocate General	...	1

1. **Identify the main idea of the passage.**
 2. **Identify the supporting details.**
 3. **Identify the author's purpose.**
 4. **Identify the author's tone.**
 5. **Identify the author's bias.**
 6. **Identify the author's point of view.**
 7. **Identify the author's audience.**
 8. **Identify the author's style.**
 9. **Identify the author's language.**
 10. **Identify the author's structure.**

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

10

THE UNIVERSITY OF CHICAGO PRESS

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

2. Next, it is important to gather relevant information and data. This can be done through research, consultation with experts, or by analyzing existing data sets.

3. Once the information is gathered, the next step is to analyze it. This involves identifying patterns, trends, and relationships that can help in understanding the problem.

4. After analysis, the next step is to develop a solution or plan. This involves identifying the most effective approach to solve the problem, taking into account the available resources and constraints.

5. Finally, the solution is implemented and the results are evaluated. This involves monitoring the progress of the implementation and making adjustments as needed to ensure that the problem is solved effectively.

■ ■ ■ ■ ■

RESEARCH DESIGN

The following tables will show the constitution of the several Councils under the Regulations of 1912.

• IMPERIAL LEGISLATIVE COUNCIL.

Ex-Officio.

The 6 ordinary members of the Governor General's Council, the Commander-in-Chief, and the Lieutenant Governor or Chief Commissioner of the province in which the Council sits	8
---	-----	-----	---

Additional.

Nominated members of whom not more than 28 must be officials; and of whom 9 are officials representing provinces and 3, being non-officials, shall be elected respectively from the landholders of the Punjab, the Mahomedans of the Punjab and the Indian Commercial community	33
---	-----	-----	----

Elected members elected by—

(a) The Provincial Legislative Councils...	...	13	
(b) The landholders of Madras, Bombay, Bengal, the United Provinces, Bihar and Orissa and the Central Provinces	..	6	
(c) The Mahomedans of Madras, Bombay, Bengal, the United Provinces and Bihar and Orissa	...	5	
(d) The Mahomedan landholders in the United Provinces or Mahomedans of Bengal (at alternate elections)	...	1	
(c) The Chambers of Commerce, Calcutta and Bombay	...	2	
		—	27
			—
Total	...		68
Or, including the Governor General	...		69

MADRAS LEGISLATIVE COUNCIL.

Ex-Officio.

Members of the Executive Council	...	3
Advocate General	...	1

Additional.

Nominated members of whom not more than 16 are to be officials and 1 to be representative of Indian commerce	...	...	21
Nominated experts who may be either officials or non-officials	...	...	2
Elected members, elected by—			
(a) The Corporation of Madras	...	...	1
(b) Municipalities and District Boards	...	...	9
(c) The University	...	...	1
(d) The Landholders	...	...	5
(e) The Planting community	...	...	1
(f) Mahomedans	...	...	2
(g) The Madras Chamber of Commerce	...	...	1
(h) The Madras Trades Association	...	...	1
		—	21
			—
	Total	...	48
	Or, including the Governor	...	49

BOMBAY LEGISLATIVE COUNCIL.

Ex-Officio.

Members of the Executive Council	...	...	3
Advocate General	...	...	1

Additional.

Nominated members of whom not more than 14 are to be officials	...	...	21
Nominated experts who may be either officials or non- officials	...	...	2
Elected members, elected by—			
(a) The Corporation of Bombay	...	...	1
(b) Municipalities	...	...	4
(c) District Boards	...	...	4
(d) The University	...	...	1
(e) The Landholders	...	...	3
(f) Mahomedans	...	...	4
(g) The Bombay Chamber of Commerce...	...	...	1

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403</
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	--------

■ **Question** **Answer**
 ■ **Question** **Answer**
 ■ **Question** **Answer**

References

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

Age Group	Percentage
18-24	10
25-34	20
35-44	25
45-54	20
55-64	15
65-74	10
75-84	5
85+	5

1000

100

[illegible]

1000

Table 1

1. *Journal of Management Studies*, 1997, 34, 1, 1-14.

Additional.

Nominated members of whom not more than 16 are to be officials and 1 to be representative of Indian commerce	...	...	21
Nominated experts who may be either officials or non-officials	...	...	2
Elected members, elected by—			
(a) The Corporation of Madras	...	...	1
(b) Municipalities and District Boards	...	...	9
(c) The University	...	...	1
(d) The Landholders	...	...	5
(e) The Planting community	...	...	1
(f) Mahomedans	...	...	2
(g) The Madras Chamber of Commerce	...	...	1
(h) The Madras Trades Association	...	...	1
		—	21
			—
Total	...		48
Or, including the Governor	...		49

BOMBAY LEGISLATIVE COUNCIL.

Ex-Officio.

Members of the Executive Council	...	...	3
Advocate General	...	...	1

Additional.

Nominated members of whom not more than 14 are to be officials	...	...	21
Nominated experts who may be either officials or non- officials	...	...	2
Elected members, elected by—			
(a) The Corporation of Bombay	...	...	1
(b) Municipalities	...	...	4
(c) District Boards	...	...	4
(d) The University	...	...	1
(e) The Landholders	...	...	3
(f) Mahomedans	...	...	4
(g) The Bombay Chamber of Commerce...	...	...	1

LEGISLATIVE COUNCILS.

117

(h) The Karachi Chamber of Commerce...	...	1	
(i) The Millowners' Associations of Bombay and Ahmedabad	...	1	
(j) The Indian commercial community	...	1	
			21
			—
	Total	...	48
Or, including the Governor	...		49

THE BENGAL LEGISLATIVE COUNCIL.

Ex-Officio.

Members of the Executive Council	3
----------------------------------	-----	-----	---

Additional.

Nominated members, not more than 16 to be officials and 1 to be a representative of the European commercial community outside Calcutta and Chittagong and 1 of Indian commerce	...	...	20
Nominated experts who may be either officials or non-officials	...	...	2
Elected members, elected by—			
(a) The Corporation of Calcutta	...	...	1
(b) Municipalities	...	...	5
(c) District Boards	...	...	5
(d) The University	...	...	1
(e) The Landholders	...	...	4
(f) Mahomedans	...	...	5
(g) The Bengal Chamber of Commerce			2
(h) The Calcutta Trade Association	...	...	1
(i) The Chittagong Port Commissioners	...	...	1
(j) Commissioners of the Corporation of Calcutta (excluding nominees of Government)	...	...	1
(k) The Tea-planting Association	...	...	1
(l) The Municipalities of the Chittagong Division or (at alternate elections) landholders of the same Division	...	...	1
			28
			—
	Total	..	53
Or, including the Governor	...		54

LEGISLATIVE COUNCILS.

117

(h) The Karachi Chamber of Commerce...	...	1	
(i) The Millowners' Associations of Bombay and Ahmedabad	...	1	
(j) The Indian commercial community	...	1	
			21
			—
Total	...		48
Or, including the Governor	...		49

THE BENGAL LAGISLATIVE COUNCIL.

Ex-Officio.

Members of the Executive Council	3
----------------------------------	-----	-----	---

Additional.

Nominated members, not more than 16 to be officials and 1 to be a representative of the European commercial community outside Calcutta and Chittagong and 1 of Indian commerce	...	...	20
Nominated experts who may be either officials or non-officials	...	...	2
Elected members, elected by—			
(a) The Corporation of Calcutta	...	...	1
(b) Municipalities	...	...	5
(c) District Boards	...	...	5
(d) The University	...	...	1
(e) The Landholders	...	...	4
(f) Mahomedans	...	...	5
(g) The Bengal Chamber of Commerce			2
(h) The Calcutta Trade Association	...	...	1
(i) The Chittagong Port Commissioners	...	...	1
(j) Commissioners of the Corporation of Calcutta (excluding nominees of Government)	...	...	1
(k) The Tea-planting Association	...	...	1
(l) The Municipalities of the Chittagong Division or (at alternate elections) landholders of the same Division	...	...	1
			28
			—
Total	..		53
Or, including the Governor	...		54

PERSONAL HISTORY

1. NAME (Last, First, Middle)
2. DATE OF BIRTH
3. PLACE OF BIRTH

EDUCATION

4. SCHOOL ATTENDED

OCCUPATION

5. PRESENT OCCUPATION

RELIGION

6. RELIGIOUS BELIEFS

7. RELIGIOUS PRACTICES

8. RELIGIOUS AFFILIATION

9. RELIGIOUS BELIEFS AND PRACTICES

10. RELIGIOUS BELIEFS AND PRACTICES

11. RELIGIOUS BELIEFS AND PRACTICES

12. RELIGIOUS BELIEFS AND PRACTICES

13. RELIGIOUS BELIEFS AND PRACTICES

14. RELIGIOUS BELIEFS AND PRACTICES

15. RELIGIOUS BELIEFS AND PRACTICES

16. RELIGIOUS BELIEFS AND PRACTICES

17. RELIGIOUS BELIEFS AND PRACTICES

18. RELIGIOUS BELIEFS AND PRACTICES

19. RELIGIOUS BELIEFS AND PRACTICES

20. RELIGIOUS BELIEFS AND PRACTICES

21. RELIGIOUS BELIEFS AND PRACTICES

22. RELIGIOUS BELIEFS AND PRACTICES

23. RELIGIOUS BELIEFS AND PRACTICES

24. RELIGIOUS BELIEFS AND PRACTICES

25. RELIGIOUS BELIEFS AND PRACTICES

26. RELIGIOUS BELIEFS AND PRACTICES

27. RELIGIOUS BELIEFS AND PRACTICES

28. RELIGIOUS BELIEFS AND PRACTICES

29. RELIGIOUS BELIEFS AND PRACTICES

30. RELIGIOUS BELIEFS AND PRACTICES

31. RELIGIOUS BELIEFS AND PRACTICES

32. RELIGIOUS BELIEFS AND PRACTICES

33. RELIGIOUS BELIEFS AND PRACTICES

INDIAN ADMINISTRATION.

THE U. P. LEGISLATIVE COUNCIL.

Nominated members, not more than 20 to be officials, and 1 to be a representative of Indian commerce...	26
Nominated experts, who may be either officials or non-officials	2
Elected members, elected by—	
(a) Large Municipalities in rotation	4
(b) District Boards and smaller Municipalities	9
(c) Allahabad University	1
(d) The Landholders	2
(e) Mahomedans	4
(f) The Upper India Chamber of Commerce	1
	—
	21
	—
Total ...	49
Or, including the Lieutenant Governor ...	50

THE PUNJAB LEGISLATIVE COUNCIL.

Nominated members, not more than 10 to be officials	16
Nominated experts who may be either officials or non-officials	2
Elected members, elected by—	
(a) The Punjab Chamber of Commerce	1
(b) The Punjab University	1
(c) Municipal Cantonment Committees	3
(d) District Boards	3
	—
	8
	—
Total ...	26
Or, including the Lieutenant Governor ...	27

THE BURMA LEGISLATIVE COUNCIL.

Nominated officials	6
Nominated non-officials :—	
(a) To represent the Burmese population	4
(b) To represent Indian and Chinese communities	2

THE U. P. LEGISLATIVE COUNCIL.

Nominated members, not more than 20 to be officials, and 1 to be a representative of Indian commerce...	26
Nominated experts, who may be either officials or non-officials	2
Elected members, elected by—	
(a) Large Municipalities in rotation	4
(b) District Boards and smaller Municipalities	9
(c) Allahabad University	1
(d) The Landholders	2
(e) Mahomedans	4
(f) The Upper India Chamber of Commerce	1
	<hr/> 21
Total ...	49
Or, including the Lieutenant Governor ...	50

THE PUNJAB LEGISLATIVE COUNCIL.

Nominated members, not more than 10 to be officials	16
Nominated experts who may be either officials or non-officials	2
Elected members, elected by—	
(a) The Punjab Chamber of Commerce... ..	1
(b) The Punjab University	1
(c) Municipal Cantonment Committees	3
(d) District Boards	3
	<hr/> 8
Total ...	26
Or, including the Lieutenant Governor ...	27

THE BURMA LEGISLATIVE COUNCIL.

Nominated officials	6
Nominated non-officials :—	
(a) To represent the Burmese population	4
(b) To represent Indian and Chinese communities	2

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

1000

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

1000

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

LEGISLATIVE COUNCILS.

119

(c) To represent other interests	...	...	2	
				8
Nominated experts who may be either officials or non-officials	...	...		2
Elected by the Burma Chamber of Commerce	...			1
				—
Total	...			17
Or, including the Lieutenant Governor	...			18

THE ASSAM LEGISLATIVE COUNCIL.

Nominated members, not more than 9 to be officials	...	...	...	13
Nominated expert who may be either an official or a non-official	...	...	...	1
Elected members, elected by—				
(a) Municipalities	...	...	...	2
(b) Local Boards	...	...	...	2
(c) The Landholders	...	...	...	2
(d) The Mahomedans	...	...	...	2
(e) The Tea-planting community	...	...	...	3
				—
				11
				—
Total	...			25
Or, including the Chief Commissioner	...			26

THE BIHAR AND ORISSA LEGISLATIVE COUNCIL.

Ex-Officio.

Members of Executive Council		3
------------------------------	-----	-----	--	---

Additional.

Nominated members, not more than 15 to be officials				19
Nominated expert who may be either an official or a non-official	...	...	...	1
Elected members, elected by—				
(a) Municipalities	...	...	...	5
(b) District Boards	...	...	...	5
(c) The Landholders	...	...	...	5

1. NAME _____

2. DATE _____

3. TIME _____

4. LOCATION _____

5. REASON _____

6. REMARKS _____

7. INITIALS _____

8. SIGNATURE _____

9. DATE _____

10. TIME _____

11. LOCATION _____

12. REASON _____

13. REMARKS _____

14. INITIALS _____

15. SIGNATURE _____

16. DATE _____

17. TIME _____

18. LOCATION _____

19. REASON _____

20. REMARKS _____

21. INITIALS _____

22. SIGNATURE _____

23. DATE _____

24. TIME _____

25. LOCATION _____

26. REASON _____

27. REMARKS _____

28. INITIALS _____

29. SIGNATURE _____

30. DATE _____

31. TIME _____

32. LOCATION _____

33. REASON _____

34. REMARKS _____

35. INITIALS _____

36. SIGNATURE _____

37. DATE _____

38. TIME _____

39. LOCATION _____

40. REASON _____

41. REMARKS _____

42. INITIALS _____

43. SIGNATURE _____

44. DATE _____

45. TIME _____

46. LOCATION _____

LEGISLATIVE COUNCILS.

119

(c) To represent other interests	...	...	2	
				8
Nominated experts who may be either officials or non-officials	...	...		2
Elected by the Burma Chamber of Commerce	...			1
Total	...			17
Or, including the Lieutenant Governor	...			18

THE ASSAM LEGISLATIVE COUNCIL.

Nominated members, not more than 9 to be officials	...	...	...	13
Nominated expert who may be either an official or a non-official	...	...	...	1
Elected members, elected by—				
(a) Municipalities	...	...	...	2
(b) Local Boards	...	...	...	2
(c) The Landholders	...	...	...	2
(d) The Mahomedans	...	...	...	2
(e) The Tea-planting community	...	...	...	3
				11
Total	...			25
Or, including the Chief Commissioner	...			26

THE BIHAR AND ORISSA LEGISLATIVE COUNCIL.

Ex-Officio.

Members of Executive Council	3
------------------------------	-----	-----	-----	---

Additional.

Nominated members, not more than 15 to be officials				19
Nominated expert who may be either an official or a non-official	...	...	...	1
Elected members, elected by—				
(a) Municipalities	...	...	...	5
(b) District Boards	...	...	...	5
(c) The Landholders	...	...	...	5

(d) Mahomedans	...	...	...	4	
(e) The planting community	...	...	...	1	
(f) The mining community	...	...	...	1	
				—	21
					—
			Total	...	44
Or, including the Lieutenant Governor	...				45

THE CENTRAL PROVINCES LEGISLATIVE COUNCIL.

A Press *Communique* states :—The Secretary of State has approved the recommendations of the Government of India for the constitution of a Legislative Council for the Central Provinces. The Council will consist of not more than 25 Members, excluding the Chief Commissioner, who will be selected as follows :—

(1) 7 Members to be elected by the following constituencies in the Central Provinces :—(a) by the Municipal Committees—3 Members, (b) by the District Councils—2 Members, (c) by the Landholders—2 Members.

(2) 17 Members nominated by the Chief Commissioner with the sanction of the Governor General of whom (a) not more than ten may be officials, and (b) three shall be non-official persons resident in Berar. The Chief Commissioner may, with the sanction of the Governor General, further nominate one person, whether an official or non-official, having expert knowledge of any subject connected with proposed or pending legislation. The three Members from Berar will be nominated by the Chief Commissioner or elected by the following constituencies in Berar :—By the Municipal Committees one Member; by the District Boards, one Member; and by the Landholders one Member. With the exception of those features which are necessitated by the peculiar constitutional position of Berar, the regulations and schedule for the new Council will follow closely both in form and in substance those for the other Legislative Councils in India.

(d) Mahomedans	...	...	...	4	
(e) The planting community	...	...	...	1	
(f) The mining community	...	...	...	1	
				—	21
					—
			Total	...	44
Or, including the Lieutenant Governor	...				45

THE CENTRAL PROVINCES LEGISLATIVE COUNCIL.

A Press *Communique* states :—The Secretary of State has approved the recommendations of the Government of India for the constitution of a Legislative Council for the Central Provinces. The Council will consist of not more than 25 Members, excluding the Chief Commissioner, who will be selected as follows :—

(1) 7 Members to be elected by the following constituencies in the Cental Provinces :—(a) by the Municipal Committees—3 Members, (b) by the District Councils—2 Members, (c) by the Landholders—2 Members.

(2) 17 Members nominated by the Chief Commissioner with the sanction of the Governor General of whom (a) not more than ten may be officials, and (b) three shall be non-official persons resident in Berar. The Chief Commissioner may, with the sanction of the Governor General, further nominate one person, whether an official or non-official, having expert knowledge of any subject connected with proposed or pending legislation. The three Members from Berar will be nominated by the Chief Commissioner or elected by the following constituencies in Berar :—By the Municipal Committees one Member; by the District Boards, one Member ; and by the Landholders one Member. With the exception of those features which are necessitated by the peculiar constitutional position of Berar, the regulations and schedule for the new Council will follow closely both in form and in substance those for the other Legislative Councils in India.

LEGISLATIVE COUNCILS.

121

The following table combining the particulars given above and presenting them in another form, will be found instructive.

Legislative Council of	Numbers previous to 1909.			Numbers under the new Re- gulations.			
	Officials (Maximum Number, including members of Executive Councils.)	Non-officials		Maximum Total Number of No- minated and Elected Members under the Act of 1909.	Officials Maximum Num- ber including Members of Executive Councils as at present constituted.	Non-officials.	
		"Elected", i. e. No- minated on Recom- mendation.	Nominated (Mini- mum Number)			Elected	Nominat- ed (Maxi- mum Number)
India	14	5	5	60	36	25 (27)	7 (5)
Madras	12	7	4	50	20	19 (21)	7 (5)
Bombay	12	8	3	50	18	21	7
Bengal	10	7	3	50	20 (19)	26 (28)	5 (4)
United Provinces	7	6	2	50	20	20 (21)	6
Eastern Bengal and Assam	7	6	2	50	17	18	5
Punjab	4	—	5	30	10	5 (8)	9 (6)
Burma	5	—	4	30	6	1	8
Bihar and Orissa	—	—	—	(50)	(18)	(22)	(4)
Assam	—	—	—	30	(9)	(11)	(4)
Central Provinces	—	—	—	—	(10)	(7)	(7)

*Note:—*The figures in *italics* show the constitution of the new Councils established in 1912 and the changes made in some of the other Councils by the new regulations issued in that year. The above figures exclude the head of the Government and the one or two experts who may, under the new regulations be appointed to any Provincial Council when legislation demanding expert advice is in hand. They may be either officials or non-officials. Otherwise the figures show the Councils at their full strength, including the members of the Executive Councils where such exist.

卷之四

一

...

...

...

The following table combining the particulars given above and presenting them in another form, will be found instructive.

Legislative Council of		Numbers previous to 1909.				Numbers under the new Re- gulations.			
		Officials (Maximum Number, including members of Executive Councils.)	Non-officials			Maximum Total Number of No- minated and Elected Members under the Act of 1909.	Non-officials.		
			"Elected", i. e. No- minated on Recom- mendation.	Nominat- ed (Mini- mum Number)			Officials Maximum Num- ber including Members of Executive Councils as at present constituted.	Elected	Nominat- ed (Maxi- mum Number).
India	...	14	5	5	60	36	25 (27)	7 (5)	
Madras	...	12	7	4	50	20	19 (21)	7 (5)	
Bombay	...	12	8	3	50	18	21	7	
Bengal	...	10	7	3	50	20 (19)	26 (28)	5 (4)	
United Provinces	...	7	6	2	50	20	20 (21)	6	
Eastern Bengal and Assam	...	7	6	2	50	17	18	5	
Punjab	...	4	—	5	30	10	5 (8)	9 (6)	
Burma	...	5	—	4	30	6	1	8	
Bihar and Orissa	...	—	—	—	(50)	(18)	(21)	(4)	
Assam	...	—	—	—	30	(9)	(11)	(4)	
Central Provinces	...	—	—	—	—	(10)	(7)	(7)	

Note :—The figures in *italics* show the constitution of the new Councils established in 1912 and the changes made in some of the other Councils by the new regulations issued in that year. The above figures exclude the head of the Government and the one or two experts who may, under the new regulations be appointed to any Provincial Council when legislation demanding expert advice is in hand. They may be either officials or non-officials. Otherwise the figures show the Councils at their full strength, including the members of the Executive Councils where such exist.

It will be noticed that except in the Supreme Legislative Council, the Regulations provide for a majority of non-official members in each Council. It is laid down that it shall not be lawful for the Governor or Lieutenant Governor or Chief Commissioner, as the case may be, to nominate so many official persons under these Regulations that the majority of all the members of the Council shall be officials. In the Governor-General's Council, however, the majority of officials has been deliberately retained and in his famous Reform Despatch to the Viceroy dated 27th November, 1908, Lord Morley thus argued in favour of this official majority :—"While I desire to liberalise as far as possible the Provincial Councils, I recognize that it is an essential condition of this policy, that the Imperial supremacy shall be in no degree compromised. I must, therefore, regard it as essential that Your Excellency's Council, in its legislative as well as its executive character, should continue to be so constituted as to ensure its constant and uninterrupted power to fulfil the constitutional obligations that it owes and must always owe to His Majesty's Government and to the Imperial Parliament..... To secure the required relations, I am convinced that a permanent official majority in the Imperial Legislative Council is absolutely necessary, and this must outweigh the grave disadvantages that induce us to dispense with it in the Provincial Legislatures. It need not be in any sense an overwhelming majority, and this Your Excellency does not seek, but it must be substantial as it is certainly desirable that the Governor General should be removed from the conflict of the division list and that the fate of any measure or resolution should not rest on his vote alone." The official majority was dispensed with in the case of Provincial Councils. Lord Morley was conscious of the risks such an arrangement involved, but thought that if the non-official majority might press legislation of a character disapproved by the Executive Government, that contin-

The Commission has been established to investigate the causes of the accident and to recommend measures to prevent a recurrence. The Commission will also be responsible for monitoring the implementation of the recommendations.

It will be noticed that except in the Supreme Legislative Council, the Regulations provide for a majority of non-official members in each Council. It is laid down that it shall not be lawful for the Governor or Lieutenant Governor or Chief Commissioner, as the case may be, to nominate so many official persons under these Regulations that the majority of all the members of the Council shall be officials. In the Governor General's Council, however, the majority of officials has been deliberately retained and in his famous Reform Despatch to the Viceroy dated 27th November, 1908, Lord Morley thus argued in favour of this official majority :—"While I desire to liberalise as far as possible the Provincial Councils, I recognize that it is an essential condition of this policy, that the Imperial supremacy shall be in no degree compromised. I must, therefore, regard it as essential that Your Excellency's Council, in its legislative as well as its executive character, should continue to be so constituted as to ensure its constant and uninterrupted power to fulfil the constitutional obligations that it owes and must always owe to His Majesty's Government and to the Imperial Parliament..... To secure the required relations, I am convinced that a permanent official majority in the Imperial Legislative Council is absolutely necessary, and this must outweigh the grave disadvantages that induce us to dispense with it in the Provincial Legislatures. It need not be in any sense an overwhelming majority, and this Your Excellency does not seek, but it must be substantial as it is certainly desirable that the Governor General should be removed from the conflict of the division list and that the fate of any measure or resolution should not rest on his vote alone." The official majority was dispensed with in the case of Provincial Councils. Lord Morley was conscious of the risks such an arrangement involved, but thought that if the non-official majority might press legislation of a character disapproved by the Executive Government, that contin-

gency could be met by the exercise of the power to withhold assent possessed by the head of the Government. Such cases would be very rare and if they were to occur, that might be very good reason for thinking that the proposed measure was really open to objection and should not be proceeded with. Then if the non-official majority were solidly to oppose a measure that Government desired, the Governor General-in-Council might make use of the power he possesses to legislate for any province.

We give below the Regulations framed for election of members to the Imperial Legislative Council. The substance of the first two Regulations relating to the constitution of that Council may be gathered from the table on a preceding page.

III. The election of the members specified in Regulation II shall be effected by the electorates and in accordance with the procedures respectively prescribed in the schedules to these regulations.

IV. No person shall be eligible for election as a member of the Council if such person—

- (a) is not a British subject, or
- (b) is an official, or
- (c) is a female, or
- (d) had been adjudged by a competent civil court to be of unsound mind, or
- (e) is under 25 years of age, or
- (f) is an uncertified bankrupt or is an undischarged insolvent, or
- (g) has been dismissed from the Government service, or
- (h) has been sentenced by a criminal court to imprisonment for an offence punishable with imprisonment for a term exceeding six months, or to transportation, or has been ordered to find security for good behaviour under the Code of Criminal Procedure, such sentence or order not having subsequently been reversed or remitted, or the offender pardoned, or

THE JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE
FOR 1911
PUBLISHED BY THE INSTITUTE
LONDON
PRINTED BY THE INSTITUTE
LONDON
1911

THE JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE
FOR 1911
PUBLISHED BY THE INSTITUTE
LONDON
PRINTED BY THE INSTITUTE
LONDON
1911

THE JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE
FOR 1911
PUBLISHED BY THE INSTITUTE
LONDON
PRINTED BY THE INSTITUTE
LONDON
1911

THE JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE
FOR 1911
PUBLISHED BY THE INSTITUTE
LONDON
PRINTED BY THE INSTITUTE
LONDON
1911

THE JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE
FOR 1911
PUBLISHED BY THE INSTITUTE
LONDON
PRINTED BY THE INSTITUTE
LONDON
1911

THE JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE
FOR 1911
PUBLISHED BY THE INSTITUTE
LONDON
PRINTED BY THE INSTITUTE
LONDON
1911

THE JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE
FOR 1911
PUBLISHED BY THE INSTITUTE
LONDON
PRINTED BY THE INSTITUTE
LONDON
1911

gency could be met by the exercise of the power to withhold assent possessed by the head of the Government. Such cases would be very rare and if they were to occur, that might be very good reason for thinking that the proposed measure was really open to objection and should not be proceeded with. Then if the non-official majority were solidly to oppose a measure that Government desired, the Governor General-in-Council might make use of the power he possesses to legislate for any province.

We give below the Regulations framed for election of members to the Imperial Legislative Council. The substance of the first two Regulations relating to the constitution of that Council may be gathered from the table on a preceding page.

III. The election of the members specified in Regulation II shall be effected by the electorates and in accordance with the procedures respectively prescribed in the schedules to these regulations.

IV. No person shall be eligible for election as a member of the Council if such person—

- (a) is not a British subject, or
- (b) is an official, or
- (c) is a female, or
- (d) had been adjudged by a competent civil court to be of unsound mind, or
- (e) is under 25 years of age, or
- (f) is an uncertified bankrupt or is an undischarged insolvent, or
- (g) has been dismissed from the Government service, or
- (h) has been sentenced by a criminal court to imprisonment for an offence punishable with imprisonment for a term exceeding six months, or to transportation, or has been ordered to find security for good behaviour under the Code of Criminal Procedure, such sentence or order not having subsequently been reversed or remitted, or the offender pardoned, or

- (i) has been debarred from practising as a legal practitioner by order of any competent authority, or
- (k) has been declared by the Governor General-in-Council to be of such reputation and antecedents that his election would, in the opinion of the Governor General-in-Council be contrary to the public interest :

Provided that in cases (g), (h), (i), and the (k) disqualification may be removed by an order of the Governor General-in-Council in this behalf.

V. No person shall be eligible for election under any sub-head of Regulation II unless he possesses the qualifications prescribed for candidates in the schedule regulating elections under that sub-head.

VI. No person shall be qualified to vote at any election held under these regulations if such person—

- (a) is a female, or
- (b) is a minor, or
- (c) has been adjudged by a competent civil court to be of unsound mind.

VII. Every person, who is elected or nominated under these regulations to be a Member of Council, shall, before taking his seat, make, at a meeting of the Council, an oath in the following form, namely :—

I, A. B., having been ^{elected}/_{nominated} an Additional Member of the Legislative Council of the Governor General do solemnly swear (or affirm) that I will be faithful and bear true allegiance to His Majesty the King-Emperor of India, his heirs and successors, and that I will faithfully discharge the duty of the office upon which I am about to enter.

VIII. (1) If any person,—

- (a) not being eligible for election, is elected under these regulations, or,
 - (b) having been elected or nominated, subsequently becomes subject to any of the disabilities stated in clauses (c), (d), (f), (g), (h), (i), of Regulation IV, or fails to make the oath or affirmation prescribed by Regulation VII within such time as the Governor General-in-Council considers reasonable,
- the Governor General shall, by notification in the *Gazette of India*, declare the election or nomination to be void or his seat to be vacant.

The first of these is the fact that the

Journal of the American Medical Association

 is the only medical journal in the

 United States that is not a

 member of the American Medical

 Association.

1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
 6. **References**

1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
 6. **References**
 7. **Appendix**
 8. **Index**
 9. **Table of Contents**
 10. **Figure 1**
 11. **Figure 2**
 12. **Figure 3**
 13. **Figure 4**
 14. **Figure 5**
 15. **Figure 6**
 16. **Figure 7**
 17. **Figure 8**
 18. **Figure 9**
 19. **Figure 10**
 20. **Figure 11**
 21. **Figure 12**
 22. **Figure 13**
 23. **Figure 14**
 24. **Figure 15**
 25. **Figure 16**
 26. **Figure 17**
 27. **Figure 18**
 28. **Figure 19**
 29. **Figure 20**
 30. **Figure 21**
 31. **Figure 22**
 32. **Figure 23**
 33. **Figure 24**
 34. **Figure 25**
 35. **Figure 26**
 36. **Figure 27**
 37. **Figure 28**
 38. **Figure 29**
 39. **Figure 30**
 40. **Figure 31**
 41. **Figure 32**
 42. **Figure 33**
 43. **Figure 34**
 44. **Figure 35**
 45. **Figure 36**
 46. **Figure 37**
 47. **Figure 38**
 48. **Figure 39**
 49. **Figure 40**
 50. **Figure 41**
 51. **Figure 42**
 52. **Figure 43**
 53. **Figure 44**
 54. **Figure 45**
 55. **Figure 46**
 56. **Figure 47**
 57. **Figure 48**
 58. **Figure 49**
 59. **Figure 50**
 60. **Figure 51**
 61. **Figure 52**
 62. **Figure 53**
 63. **Figure 54**
 64. **Figure 55**
 65. **Figure 56**
 66. **Figure 57**
 67. **Figure 58**
 68. **Figure 59**
 69. **Figure 60**
 70. **Figure 61**
 71. **Figure 62**
 72. **Figure 63**
 73. **Figure 64**
 74. **Figure 65**
 75. **Figure 66**
 76. **Figure 67**
 77. **Figure 68**
 78. **Figure 69**
 79. **Figure 70**
 80. **Figure 71**
 81. **Figure 72**
 82. **Figure 73**
 83. **Figure 74**
 84. **Figure 75**
 85. **Figure 76**
 86. **Figure 77**
 87. **Figure 78**
 88. **Figure 79**
 89. **Figure 80**
 90. **Figure 81**
 91. **Figure 82**
 92. **Figure 83**
 93. **Figure 84**
 94. **Figure 85**
 95. **Figure 86**
 96. **Figure 87**
 97. **Figure 88**
 98. **Figure 89**
 99. **Figure 90**
 100. **Figure 91**
 101. **Figure 92**
 102. **Figure 93**
 103. **Figure 94**
 104. **Figure 95**
 105. **Figure 96**
 106. **Figure 97**
 107. **Figure 98**
 108. **Figure 99**
 109. **Figure 100**
 110. **Figure 101**
 111. **Figure 102**
 112. **Figure 103**
 113. **Figure 104**
 114. **Figure 105**
 115. **Figure 106**
 116. **Figure 107**
 117. **Figure 108**
 118. **Figure 109**
 119. **Figure 110**
 120. **Figure 111**
 121. **Figure 112**
 122. **Figure 113**
 123. **Figure 114**
 124. **Figure 115**
 125. **Figure 116**
 126. **Figure 117**
 127. **Figure 118**
 128. **Figure 119**
 129. **Figure 120**
 130. **Figure 121**
 131. **Figure 122**
 132. **Figure 123**
 133. **Figure 124**
 134. **Figure 125**
 135. **Figure 126**
 136. **Figure 127**
 137. **Figure 128**
 138. **Figure 129**
 139. **Figure 130**
 140. **Figure 131**
 141. **Figure 132**
 142. **Figure 133**
 143. **Figure 134**
 144. **Figure 135**
 145. **Figure 136**
 146. **Figure 137**
 147. **Figure 138**
 148. **Figure 139**
 149. **Figure 140**
 150. **Figure 141**
 151. **Figure 142**
 152. **Figure 143**
 153. **Figure 144**
 154. **Figure 145**
 155. **Figure 146**
 156. **Figure 147**
 157. **Figure 148**
 158. **Figure 149**
 159. **Figure 150**
 160. **Figure 151**
 161. **Figure 152**
 162. **Figure 153**
 163. **Figure 154**
 164. **Figure 155**
 165. **Figure 156**
 166. **Figure 157**
 167. **Figure 158**
 168. **Figure 159**
 169. **Figure 160**
 170. **Figure 161**
 171. **Figure 162**
 172. **Figure 163**
 173. **Figure 164**
 174. **Figure 165**
 175. **Figure 166**
 176. **Figure 167**
 177. **Figure 168**
 178. **Figure 169**
 179. **Figure 170**
 180. **Figure 171**
 181. **Figure 172**
 182. **Figure 173**
 183. **Figure 174**
 184. **Figure 175**
 185. **Figure 176**
 186. **Figure 177**
 187. **Figure 178**
 188. **Figure 179**
 189. **Figure 180**
 190. **Figure 181**
 191. **Figure 182**
 192. **Figure 183**
 193. **Figure 184**
 194. **Figure 185**
 195. **Figure 186**
 196. **Figure 187**
 197. **Figure 188**
 198. **Figure 189**
 199. **Figure 190**
 200. **Figure 191**
 201. **Figure 192**
 202. **Figure 193**
 203. **Figure 194**
 204. **Figure 195**
 205. **Figure 196**
 206. **Figure 197**
 207. **Figure 198**
 208. **Figure 199**
 209. **Figure 200**
 210. **Figure 201**
 211. **Figure 202**
 212. **Figure 203**
 213. **Figure 204**
 214. **Figure 205**
 215. **Figure 206**
 216. **Figure 207**
 217. **Figure 208**

1000

1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
 6. **References**

Age group	Percentage of respondents
18-24	10
25-34	25
35-44	45
45-54	65
55-64	80
65+	85

[illegible]

- (i) has been debarred from practising as a legal practitioner by order of any competent authority, or
- (k) has been declared by the Governor General-in-Council to be of such reputation and antecedents that his election would, in the opinion of the Governor General-in-Council be contrary to the public interest :

Provided that in cases (g), (h), (i), and the (k) disqualification may be removed by an order of the Governor General-in-Council in this behalf.

V. No person shall be eligible for election under any sub-head of Regulation II unless he possesses the qualifications prescribed for candidates in the schedule regulating elections under that sub-head.

VI. No person shall be qualified to vote at any election held under these regulations if such person—

- (a) is a female, or
- (b) is a minor, or
- (c) has been adjudged by a competent civil court to be of unsound mind.

VII. Every person, who is elected or nominated under these regulations to be a Member of Council, shall, before taking his seat, make, at a meeting of the Council, an oath in the following form, namely :—

I, A. B., having been ^{elected}/_{nominated} an Additional Member of the Legislative Council of the Governor General do solemnly swear (or affirm) that I will be faithful and bear true allegiance to His Majesty the King-Emperor of India, his heirs and successors, and that I will faithfully discharge the duty of the office upon which I am about to enter.

VIII. (1) If any person,—

- (a) not being eligible for election, is elected under these regulations, or,
 - (b) having been elected or nominated, subsequently becomes subject to any of the disabilities stated in clauses (c), (d), (f), (g), (h), (i), of Regulation IV, or fails to make the oath or affirmation prescribed by Regulation VII within such time as the Governor General-in-Council considers reasonable,
- the Governor General shall, by notification in the *Gazette of India*, declare the election or nomination to be void or his seat to be vacant.

(2) When any such declaration is made the Governor General shall, by notification as aforesaid, call upon the electorate concerned to elect another person within such time as may be prescribed by such notification, or shall nominate another person, as the case may be.

(3) If any person elected at such fresh election, is not eligible for election the Governor General may nominate any person who is eligible for election by the electorate concerned.

IX. (1) If any person is elected by more than one electorate he shall, by notice in writing signed by him and delivered to the Secretary to the Government of India in the Legislative Department within seven days from the date of the publication of the result of such elections in the *Gazette of India*, choose, or in his default the Governor General shall declare, for which of these electorates he shall serve, and the choice or declaration shall be conclusive.

(2) When any such choice or declaration has been made, the votes recorded for such person in any electorate for which he is not to serve shall be deemed not to have been given, and the candidate, if any, who except for the said votes, would have been declared elected for such electorate, shall be deemed to have been duly elected for the same.

X. (1) Save as otherwise provided in these Regulations, the term of office of an Additional Member shall be three years commencing from—

- (a) in the case of a nominated member, the date of the publication in the *Gazette of India* of the notification by which he is nominated
- (b) in the case of an elected Member, the date of the publication in the *Gazette of India* of the result of the election, or, where the result of such election has been so published before the vacancy has occurred from the date on which such vacancy occurs.

Provided that official members and members nominated as being persons who have expert knowledge of the subject connected with proposed or pending legislation shall hold office for three years or such shorter period as the Governor General may at the time of nomination determine.

Provided further that in the event of a Legislative Council being constituted for the Central Provinces the term of office of members

(2) When any such declaration is made the Governor General shall, by notification as aforesaid, call upon the electorate concerned to elect another person within such time as may be prescribed by such notification, or shall nominate another person, as the case may be.

(3) If any person elected at such fresh election, is not eligible for election the Governor General may nominate any person who is eligible for election by the electorate concerned.

IX. (1) If any person is elected by more than one electorate he shall, by notice in writing signed by him and delivered to the Secretary to the Government of India in the Legislative Department within seven days from the date of the publication of the result of such elections in the *Gazette of India*, choose, or in his default the Governor General shall declare, for which of these electorates he shall serve, and the choice or declaration shall be conclusive.

(2) When any such choice or declaration has been made, the votes recorded for such person in any electorate for which he is not to serve shall be deemed not to have been given, and the candidate, if any, who except for the said votes, would have been declared elected for such electorate, shall be deemed to have been duly elected for the same.

X. (1) Save as otherwise provided in these Regulations, the term of office of an Additional Member shall be three years commencing from—

(a) in the case of a nominated member, the date of the publication in the *Gazette of India* of the notification by which he is nominated

(b) in the case of an elected Member, the date of the publication in the *Gazette of India* of the result of the election, or, where the result of such election has been so published before the vacancy has occurred from the date on which such vacancy occurs.

Provided that official members and members nominated as being persons who have expert knowledge of the subject connected with proposed or pending legislation shall hold office for three years or such shorter period as the Governor General may at the time of nomination determine.

Provided further that in the event of a Legislative Council being constituted for the Central Provinces the term of office of members

elected by the class specified in sub-head (IX) of Regulation II, shall expire on such date as the Governor General-in-Council may by notification in the *Gazette of India*, direct.

(2) A member elected or nominated to fill a casual vacancy occurring by reason of absence from India, inability to attend to duty, death, acceptance of office or resignation duly accepted, or otherwise, or a member nominated on failure of an electorate to elect an eligible person shall hold office so long as the member whose place he fills would have been entitled to hold office if the vacancy had not occurred.

XI. (1) When a vacancy occurs in the case of a member who represents any interest specified in Regulation II. or at any time within three months of the date when such a vacancy will occur in the ordinary course of events, the Governor General shall, by notification as aforesaid, call upon the electorate concerned to elect a person for the purpose of filling the vacancy within such time as may be prescribed by such notification.

(2) When a vacancy occurs in the case of a nominated member, the Governor General may nominate any person to the vacancy :

Provided that when a casual vacancy occurs—

(a) in the case of an elected member, the election shall always be made by the same electorate as that which elected the member whose place is to be filled and shall be subject to the same conditions in respect of eligibility of candidates for nomination as those which governed the election of such member, and

(b) in the case of a member nominated as representing any class specified in Regulation I. sub-head B, clause (b), the person nominated shall be selected from the same class.

XII. If within the time prescribed by a notification issued under Regulation VIII, clause (2) or Regulation XI, clause (1), the electorate concerned fails to elect, the Governor General may nominate, at his discretion, any person who is eligible for election by such electorate.

XIII. The power of making laws and regulations or of transacting other business vested in the Legislative Council of the Governor General shall be exercised only when fifteen or more Additional Members of the Council are present.

XIV. (1) No election shall be valid if any corrupt practice is committed in connection therewith by the candidate elected

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

THE JOURNAL OF THE

elected by the class specified in sub-head (IX) of Regulation II, shall expire on such date as the Governor General-in-Council may by notification in the *Gazette of India*, direct.

(2) A member elected or nominated to fill a casual vacancy occurring by reason of absence from India, inability to attend to duty, death, acceptance of office or resignation duly accepted, or otherwise, or a member nominated on failure of an electorate to elect an eligible person shall hold office so long as the member whose place he fills would have been entitled to hold office if the vacancy had not occurred.

XI. (1) When a vacancy occurs in the case of a member who represents any interest specified in Regulation II. or at any time within three months of the date when such a vacancy will occur in the ordinary course of events, the Governor General shall, by notification as aforesaid, call upon the electorate concerned to elect a person for the purpose of filling the vacancy within such time as may be prescribed by such notification.

(2) When a vacancy occurs in the case of a nominated member, the Governor General may nominate any person to the vacancy :

Provided that when a casual vacancy occurs—

(a) in the case of an elected member, the election shall always be made by the same electorate as that which elected the member whose place is to be filled and shall be subject to the same conditions in respect of eligibility of candidates for nomination as those which governed the election of such member, and

(b) in the case of a member nominated as representing any class specified in Regulation I. sub-head B, clause (b), the person nominated shall be selected from the same class.

XII. If within the time prescribed by a notification issued under Regulation VIII, clause (2) or Regulation XI, clause (1), the electorate concerned fails to elect, the Governor General may nominate, at his discretion, any person who is eligible for election by such electorate.

XIII. The power of making laws and regulations or of transacting other business vested in the Legislative Council of the Governor General shall be exercised only when fifteen or more Additional Members of the Council are present.

XIV. (1) No election shall be valid if any corrupt practice is committed in connection therewith by the candidate elected

(2) A person shall be deemed to commit a corrupt practice within the meaning of these regulations—

(i) who, with a view to inducing any voter to give or to refrain from giving a vote in favour of any candidate, offers or gives any money or valuable consideration, or holds out any promise of individual profit or holds out any threat of injury to any person, or

(ii) who gives, procures or abets the giving of a vote in the name of a voter who is not the person giving such vote.

And a corrupt practice shall be deemed to be committed by a candidate, if it is committed with his knowledge and consent, or by a person who is acting under the general or special authority of such candidate with reference to the election.

Explanation.—A “promise of individual profit” includes a promise for the benefit of the person himself, or of any one in whom he is interested.

XV. No election shall be invalid by reason of a non-compliance with the rules contained in the schedules to these regulations or any mistake in the use of forms annexed thereto, if it appears that the election was conducted in accordance with the principles laid down in such rules and that such non-compliance or mistake did not affect the result of the election.

XVI. (1) If the validity of any election is brought in question by any person qualified either to be elected or to vote at such election on the ground of the improper rejection or reception of a nomination or of a vote or of any corrupt practice in connection with such election, or for any other cause, such person may, at any time within 15 days from the date of the publication of the result of such election in the *Gazette of India*, apply to the Governor General-in-Council to set aside such election.

(2) The Governor General-in-Council shall, after such inquiry (if any) as he may consider necessary, declare, by notification as aforesaid, whether the candidate whose election is questioned or any or what other person was duly elected, or whether the election was void.

(3) If the election is declared void, the Governor General shall, by notification as aforesaid, call upon the electorate concerned to elect another person within such time as may be prescribed by such notification.

1. The purpose of this document is to provide information regarding the security of the system.

2. The system is designed to protect the confidentiality, integrity, and availability of the information it processes.

3. The system is subject to a variety of threats, including unauthorized access, data corruption, and denial of service.

4. The system is designed to detect and respond to these threats in a timely and effective manner.

5. The system is subject to a variety of risks, including the loss of data, the compromise of the system, and the disruption of services.

6. The system is designed to minimize these risks through a variety of measures, including the use of encryption, access controls, and backup procedures.

7. The system is subject to a variety of vulnerabilities, including software bugs, hardware failures, and human error.

8. The system is designed to detect and respond to these vulnerabilities in a timely and effective manner.

9. The system is subject to a variety of threats, including unauthorized access, data corruption, and denial of service.

10. The system is designed to detect and respond to these threats in a timely and effective manner.

(2) A person shall be deemed to commit a corrupt practice within the meaning of these regulations—

(i) who, with a view to inducing any voter to give or to refrain from giving a vote in favour of any candidate, offers or gives any money or valuable consideration, or holds out any promise of individual profit or holds out any threat of injury to any person, or

(ii) who gives, procures or abets the giving of a vote in the name of a voter who is not the person giving such vote.

And a corrupt practice shall be deemed to be committed by a candidate, if it is committed with his knowledge and consent, or by a person who is acting under the general or special authority of such candidate with reference to the election.

Explanation.—A “promise of individual profit” includes a promise for the benefit of the person himself, or of any one in whom he is interested.

XV. No election shall be invalid by reason of a non-compliance with the rules contained in the schedules to these regulations or any mistake in the use of forms annexed thereto, if it appears that the election was conducted in accordance with the principles laid down in such rules and that such non-compliance or mistake did not affect the result of the election.

XVI. (1) If the validity of any election is brought in question by any person qualified either to be elected or to vote at such election on the ground of the improper rejection or reception of a nomination or of a vote or of any corrupt practice in connection with such election, or for any other cause, such person may, at any time within 15 days from the date of the publication of the result of such election in the *Gazette of India*, apply to the Governor General-in-Council to set aside such election.

(2) The Governor General-in-Council shall, after such inquiry (if any) as he may consider necessary, declare, by notification as aforesaid, whether the candidate whose election is questioned or any or what other person was duly elected, or whether the election was void.

(3) If the election is declared void, the Governor General shall, by notification as aforesaid, call upon the electorate concerned to elect another person within such time as may be prescribed by such notification.

(4) If within the time so prescribed the electorate fails to elect, the Governor General may nominate any person who is eligible for election by such electorate.

XVII. The decision of the Governor General-in-Council on any question that may arise as to the intention, construction or application of these regulations shall be final.

XVIII. (1) As soon as convenient after these regulations come into force a Council shall be constituted in accordance with these provisions.

(2) For this purpose the Governor General shall, by notification as aforesaid, call upon the electorates referred to in Regulation III to proceed to elect members in accordance with these regulations within such time as may be prescribed by such notification.

(3) If within the time so prescribed any such class fails to elect, the Governor General may nominate at his discretion for a period not exceeding six months any person who is eligible for election by such class.

The rules framed by the Governor General-in-Council for nomination and election of additional members for Provincial Legislatures are almost similar. Subject to these general provisions, however, the positive qualifications for electors and candidates, and the methods of election, are laid down in the detailed rules for the various electorates. They vary considerably from province to province. Some seats proposed to be filled by election as soon as workable electorates can be formed, are at present filled by nomination. Thus the representative of Indian commerce is at present nominated, except in the case of the Bombay Council. The power of filling a number of non-official seats is designed and used to provide for the representation of minor interests and small classes. No material alteration has been made by the recent Acts in the powers and legislative functions of the Councils. These are still regulated by the Act of 1861 which precluded the Indian legislatures from making laws affecting the provisions of Acts of Parliament (except in the case of the Supreme Legislative Council which may, generally speaking, repeal or amend such Acts

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 103–110

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making sure that it is followed. The fifth step is to evaluate the results. This involves checking to see if the problem has been solved and if the solution is sustainable.

(4) If within the time so prescribed the electorate fails to elect, the Governor General may nominate any person who is eligible for election by such electorate.

XVII. The decision of the Governor General-in-Council on any question that may arise as to the intention, construction or application of these regulations shall be final.

XVIII. (1) As soon as convenient after these regulations come into force a Council shall be constituted in accordance with these provisions.

(2) For this purpose the Governor General shall, by notification as aforesaid, call upon the electorates referred to in Regulation III to proceed to elect members in accordance with these regulations within such time as may be prescribed by such notification.

(3) If within the time so prescribed any such class fails to elect, the Governor General may nominate at his discretion for a period not exceeding six months any person who is eligible for election by such class.

The rules framed by the Governor General-in-Council for nomination and election of additional members for Provincial Legislatures are almost similar. Subject to these general provisions, however, the positive qualifications for electors and candidates, and the methods of election, are laid down in the detailed rules for the various electorates. They vary considerably from province to province. Some seats proposed to be filled by election as soon as workable electorates can be formed, are at present filled by nomination. Thus the representative of Indian commerce is at present nominated, except in the case of the Bombay Council. The power of filling a number of non-official seats is designed and used to provide for the representation of minor interests and small classes. No material alteration has been made by the recent Acts in the powers and legislative functions of the Councils. These are still regulated by the Act of 1861 which precluded the Indian legislatures from making laws affecting the provisions of Acts of Parliament (except in the case of the Supreme Legislative Council which may, generally speaking, repeal or amend such Acts

passed prior to 1860), and specifying for the Governor General's Council and the Provincial Councils respectively, various heads under which legislation cannot be undertaken without the previous consent of the Governor General. "Thus, for example, the Local Legislature may not, without the previous sanction of the Governor General, make or take into consideration any law affecting the Public Debt in India or the customs duties or any other tax or duty for the time being in force and imposed by the authority of the Governor General-in-Council for the general purposes of the Government of India, or regulating currency or postal or telegraph business, or altering in any way the Indian Penal Code, or affecting religion or religious rites or usages or affecting the discipline or maintenance of Naval or Military forces, or dealing with patents or copyrights or the relations of the Government with foreign Princes or States."* The legislative spheres of the Supreme Council and the Local Councils are not precisely demarcated, but the provincial bodies naturally confine themselves to subjects in which they are immediately concerned while the Imperial Legislative Council takes up questions which have an equal bearing upon all the provinces and questions which local legislatures are not competent to deal with and legislates for provinces which have no Legislative Council of their own. The changes made in 1909 in the method of the discussion of the annual budget were described by Lord Morley as 'constituting a notable step in the direction of giving to the representatives of Indian opinion a part in the most important administrative operation of the political year'. They may be summed up by saying that the discussion now extends over several days instead of one or two, that it takes place before instead of after, the budget is finally settled and that the members have the right to propose resolutions and to divide the Council upon them.

* Lord Morley's Reform Despatch.

passed prior to 1860), and specifying for the Governor General's Council and the Provincial Councils respectively, various heads under which legislation cannot be undertaken without the previous consent of the Governor General. "Thus, for example, the Local Legislature may not, without the previous sanction of the Governor General, make or take into consideration any law affecting the Public Debt in India or the customs duties or any other tax or duty for the time being in force and imposed by the authority of the Governor General-in-Council for the general purposes of the Government of India, or regulating currency or postal or telegraph business, or altering in any way the Indian Penal Code, or affecting religion or religious rites or usages or affecting the discipline or maintenance of Naval or Military forces, or dealing with patents or copyrights or the relations of the Government with foreign Princes or States."* The legislative spheres of the Supreme Council and the Local Councils are not precisely demarcated, but the provincial bodies naturally confine themselves to subjects in which they are immediately concerned while the Imperial Legislative Council takes up questions which have an equal bearing upon all the provinces and questions which local legislatures are not competent to deal with and legislates for provinces which have no Legislative Council of their own. The changes made in 1909 in the method of the discussion of the annual budget were described by Lord Morley as 'constituting a notable step in the direction of giving to the representatives of Indian opinion a part in the most important administrative operation of the political year'. They may be summed up by saying that the discussion now extends over several days instead of one or two, that it takes place before instead of after, the budget is finally settled and that the members have the right to propose resolutions and to divide the Council upon them.

* Lord Morley's Reform Despatch.

The general order of the discussion of the financial statement, *i. e.* a statement of the preliminary financial estimate for the next year, is as follows: On an appointed day each year the financial statement with an explanatory memorandum is presented to the Council by the Finance Member and no discussion of the same is allowed on that day. The first stage in the discussion commences when on a subsequent day duly appointed the statement is taken into consideration and any member may move a resolution relating to any alteration in taxation, any new loan or any additional grant to Local Governments proposed. The second stage commences when all the resolutions which may be moved are disposed of. A resolution may now be moved with reference to any question covered by a head or group of heads specified in the statement and introduced by the Member in charge. Certain subjects such as foreign relations and relations with Native States and matters under adjudication by a court of law and also certain heads of revenue and expenditure such as customs, assessed taxes and state railways, army &c. are excluded from discussion. Finally the Budget, *i. e.* the financial statement as finally settled by the Governor General-in-Council, is presented to the Council by the Finance Member and on a subsequent day a general discussion on it takes place when no resolutions are allowed. The budget is not likewise put to the vote.

Subject to certain specified restrictions, members of the Council are allowed to move resolutions relating to matters of general public interest. Every such resolution must be in the form of a specific recommendation, precisely expressed and not containing arguments, ironical expressions or personal references. A discussion of the resolutions is allowed subject to special rules framed on that behalf. Subject to certain conditions and restrictions, members may ask questions and any member who has asked a question may put a supplementary question for

The general order of the discussion of the financial statement, *i. e.* a statement of the preliminary financial estimate for the next year, is as follows: On an appointed day each year the financial statement with an explanatory memorandum is presented to the Council by the Finance Member and no discussion of the same is allowed on that day. The first stage in the discussion commences when on a subsequent day duly appointed the statement is taken into consideration and any member may move a resolution relating to any alteration in taxation, any new loan or any additional grant to Local Governments proposed. The second stage commences when all the resolutions which may be moved are disposed of. A resolution may now be moved with reference to any question covered by a head or group of heads specified in the statement and introduced by the Member in charge. Certain subjects such as foreign relations and relations with Native States and matters under adjudication by a court of law and also certain heads of revenue and expenditure such as customs, assessed taxes and state railways, army &c. are excluded from discussion. Finally the Budget, *i. e.* the financial statement as finally settled by the Governor General-in-Council, is presented to the Council by the Finance Member and on a subsequent day a general discussion on it takes place when no resolutions are allowed. The budget is not likewise put to the vote.

Subject to certain specified restrictions, members of the Council are allowed to move resolutions relating to matters of general public interest. Every such resolution must be in the form of a specific recommendation, precisely expressed and not containing arguments, ironical expressions or personal references. A discussion of the resolutions is allowed subject to special rules framed on that behalf. Subject to certain conditions and restrictions, members may ask questions and any member who has asked a question may put a supplementary question for

the purpose of further elucidating any matter of fact regarding which a request for information has been made in his original question. This latter is an additional right granted to members under the new rules but very large powers have been reserved to the President in this matter as in the general conduct of the meetings of the Council. The rules about discussions, resolutions and interpellations summarised so far are those framed in connection with the Supreme Legislative Council but with certain local variations, they apply to the Provincial Legislative Councils as well. One point of difference may, however, be noted in the case of the latter with reference to the financial statements. In the Local Councils the first stage in this matter is represented by the appointment of a Finance Committee for the purpose of discussing the draft financial statement and making proposals with reference thereto for the consideration of the Provincial Government. This Committee of the Council consists of not more than 12 members of whom half are nominated by the head of the Government and the other half are elected by the non-official members. After considering the proposals of the Committee the Local Government embodies its own conclusions in the draft financial statement and being thus amended, it is submitted to the Government of India. The revised statement provisionally approved by the Government of India is then presented to the Council at a subsequent date. The further proceedings are similar to those of the Supreme Legislative Council. Before a measure becomes law in a Legislative Council, it has to pass through several stages. First a motion is made, after due notice, to introduce a Bill and it is formally introduced and published for criticism. Then the Bill is referred to a Select Committee along with any opinions that may have been received. If there is serious objection to the main principle embodied in the Bill, there is no discussion at the first stage. In the Select Committee it is fully threshed out

the purpose of further elucidating any matter of fact regarding which a request for information has been made in his original question. This latter is an additional right granted to members under the new rules but very large powers have been reserved to the President in this matter as in the general conduct of the meetings of the Council. The rules about discussions, resolutions and interpellations summarised so far are those framed in connection with the Supreme Legislative Council but with certain local variations, they apply to the Provincial Legislative Councils as well. One point of difference may, however, be noted in the case of the latter with reference to the financial statements. In the Local Councils the first stage in this matter is represented by the appointment of a Finance Committee for the purpose of discussing the draft financial statement and making proposals with reference thereto for the consideration of the Provincial Government. This Committee of the Council consists of not more than 12 members of whom half are nominated by the head of the Government and the other half are elected by the non-official members. After considering the proposals of the Committee the Local Government embodies its own conclusions in the draft financial statement and being thus amended, it is submitted to the Government of India. The revised statement provisionally approved by the Government of India is then presented to the Council at a subsequent date. The further proceedings are similar to those of the Supreme Legislative Council. Before a measure becomes law in a Legislative Council, it has to pass through several stages. First a motion is made, after due notice, to introduce a Bill and it is formally introduced and published for criticism. Then the Bill is referred to a Select Committee along with any opinions that may have been received. If there is serious objection to the main principle embodied in the Bill, there is no discussion at the first stage. In the Select Committee it is fully threshed out

...the
... ..
... ..
... ..
... ..

1. **Introduction:** The purpose of this study is to investigate the impact of social media on the mental health of adolescents. The study aims to explore the relationship between social media usage and various mental health outcomes, including self-esteem, anxiety, and depression.

2. **Methodology:** The study employed a quantitative research design, utilizing a survey questionnaire to collect data from a sample of 500 adolescents aged 13-18. The questionnaire measured the frequency of social media usage, the duration of usage, and the presence of mental health symptoms.

3. **Results:** The results of the study indicate a positive correlation between social media usage and mental health issues. Adolescents who spent more time on social media platforms reported higher levels of self-esteem, anxiety, and depression. The data suggests that excessive social media usage may contribute to the development of mental health problems.

4. **Conclusion:** The findings of this study suggest that social media usage has a significant impact on the mental health of adolescents. It is recommended that parents and educators monitor and limit the amount of time adolescents spend on social media to promote their mental well-being. Further research is needed to explore the underlying mechanisms of this relationship.

and the draft as amended is presented to the Council. The members have here a full opportunity to move further amendments and to criticise. The final stage comes when a motion is made that the Bill as amended be passed. It then receives the signature of the Governor General or Governor or Lieutenant Governor as the case may be. This is the normal process, but if the Bill is not contentious or does not admit of delay, some of the above steps are omitted and it may pass through all the stages at a single sitting of the Council.

We shall now proceed to consider the more salient features of the Indian Legislative Councils. The first striking characteristic of the Councils is that they are non-sovereign law-making bodies. Their scope has been definitely limited and they are entirely subordinate to the British Parliament. Even within these limits the Indian legislature is subject to the veto and control of the Secretary of State, that is the British Crown, and no legislation can be undertaken in India which has not the approval and sanction of the higher authorities in Great Britain. It has been already shown that our Legislative Councils are an expansion of the executive bodies which were originally responsible both for administration and legislation which, in those days, took the form of orders and regulations. Special members were gradually added to the executive bodies for legislative purposes and those bodies then became, for the time being, legislative assemblies. Even to-day the distinction between 'ordinary' and 'additional' members is maintained, which indicates the development of the legislatures. They are not, however, mere committees of advice as they are often stated to be though, in practice, owing to their peculiar constitution, they are seen to be nothing better. In spite of non-official majorities in the Provincial Councils, the Government is strong enough to carry its point though the overwhelming

and the draft as amended is presented to the Council. The members have here a full opportunity to move further amendments and to criticise. The final stage comes when a motion is made that the Bill as amended be passed. It then receives the signature of the Governor General or Governor or Lieutenant Governor as the case may be. This is the normal process, but if the Bill is not contentious or does not admit of delay, some of the above steps are omitted and it may pass through all the stages at a single sitting of the Council.

We shall now proceed to consider the more salient features of the Indian Legislative Councils. The first striking characteristic of the Councils is that they are non-sovereign law-making bodies. Their scope has been definitely limited and they are entirely subordinate to the British Parliament. Even within these limits the Indian legislature is subject to the veto and control of the Secretary of State, that is the British Crown, and no legislation can be undertaken in India which has not the approval and sanction of the higher authorities in Great Britain. It has been already shown that our Legislative Councils are an expansion of the executive bodies which were originally responsible both for administration and legislation which, in those days, took the form of orders and regulations. Special members were gradually added to the executive bodies for legislative purposes and those bodies then became, for the time being, legislative assemblies. Even to-day the distinction between 'ordinary' and 'additional' members is maintained, which indicates the development of the legislatures. They are not, however, mere committees of advice as they are often stated to be though, in practice, owing to their peculiar constitution, they are seen to be nothing better. In spite of non-official majorities in the Provincial Councils, the Government is strong enough to carry its point though the overwhelming

and the fact is, however, that the majority of the people who are in the position of being able to do this are the people who are in the position of being able to do this. The fact is, however, that the majority of the people who are in the position of being able to do this are the people who are in the position of being able to do this.

The first step in the process of creating a new product is to identify a market need. This can be done through market research, which involves gathering information about the target market and its needs. Once a market need has been identified, the next step is to develop a concept for a product that meets that need. This involves brainstorming ideas and selecting the most promising one. The next step is to create a prototype of the product, which allows the designer to test the concept and make any necessary adjustments. Finally, the product is manufactured and distributed to the market.

weight of non-official opinion cannot but influence its measures and policy. In the British Parliament it is practically the predominant political party in the House of Commons that legislates and it may even be said that only a few leading men of that party concentrate the legislative power in their hands*. The Opposition and the rank and file of the ministerial party have very little share in it. But in the Indian legislatures there are no such parties and there is no coming into or going out of office. According to Sir V. Bhashyam Aiyangar, 'the notion of an official majority in the Legislative Council, or the notion that the additional official members should vote with the ordinary members of the Council or that the ordinary members of the Council and the President should vote alike, is entirely opposed to the fundamental principles of the constitution as stated above, namely, that so far as legislation is concerned, the Government consists of the Governor General or Governor, his ordinary members *and* the additional members whether nominated by him or elected, subject to his approval, and all form but one component and indivisible part of Government for the purpose of making laws and regulations; and the division of this body into the Executive Government supported by an official majority and a non-official minority corresponding to an opposition to Government is the introduction of a principle which, in

* 'But when we say that the House of Commons makes the law, we use language that no more conveys the facts than the legal formula, which tells us that every statute is enacted by the King with the advice and assent of Parliament. New laws are made by the Ministry, with the acquiescence of the majority, and the vehement dissent of the minority in the House of Commons. The Crown has nothing to do with the matter, the House of Lords very little except that it has a limited power—seldom exercised in cases of real importance—to delay the operation of the proposed measure; the opposition party protest against it energetically but powerlessly at every stage; and the non-official ministerialists are able to do no more than affect the treatment of details.'—*The Governance of England* by Sidney Low.

weight of non-official opinion cannot but influence its measures and policy. In the British Parliament it is practically the predominant political party in the House of Commons that legislates and it may even be said that only a few leading men of that party concentrate the legislative power in their hands*. The Opposition and the rank and file of the ministerial party have very little share in it. But in the Indian legislatures there are no such parties and there is no coming into or going out of office. According to Sir V. Bhashyam Aiyangar, 'the notion of an official majority in the Legislative Council, or the notion that the additional official members should vote with the ordinary members of the Council or that the ordinary members of the Council and the President should vote alike, is entirely opposed to the fundamental principles of the constitution as stated above, namely, that so far as legislation is concerned, the Government consists of the Governor General or Governor, his ordinary members *and* the additional members whether nominated by him or elected, subject to his approval, and all form but one component and indivisible part of Government for the purpose of making laws and regulations; and the division of this body into the Executive Government supported by an official majority and a non-official minority corresponding to an opposition to Government is the introduction of a principle which, in

* 'But when we say that the House of Commons makes the law, we use language that no more conveys the facts than the legal formula, which tells us that every statute is enacted by the King with the advice and assent of Parliament. New laws are made by the Ministry, with the acquiescence of the majority, and the vehement dissent of the minority in the House of Commons. The Crown has nothing to do with the matter, the House of Lords very little except that it has a limited power—seldom exercised in cases of real importance—to delay the operation of the proposed measure; the opposition party protest against it energetically but powerlessly at every stage; and the non-official ministerialists are able to do no more than affect the treatment of details.' —The Governance of England by Sidney Low.

British India, is as unconstitutional as it would be mischievous in result.' Another point he emphasises in this connection is that 'the introduction into the Council of non-official members either by direct nomination, or by election under statutory rules subject to the approval of the Governor General or Governor as the case may be, can in no way affect the constitutional aspect of the question, namely, that all additional members whether official or non-official, whether nominated or elected, are the colleagues of the Governor General or Governor and of the ordinary members of his Council and as such form a component part of the Government in the exercise of its legislative functions, and there is nothing in either of the said statutes affecting the status of the Legislative Council as the Government for the purpose of making laws and regulations.'

Whatever the position of the Indian legislatures and of the elected and other additional members may be in theory, the executive authority is paramount. The executive in India is not responsible to the legislature as the British Cabinet, for instance, is to the Parliament. In spite of the non-official majorities in the Provincial Councils, the power to nominate a large number of members possessed by the Government enables it to control the legislature effectively. There is, really speaking, no obligation, legal or moral, on the part of official and non-official nominated members to vote on the side of the executive as the members of the political parties in Great Britain are invariably expected to do, yet in practice, that is what usually happens and the councils often tend to divide into two sections. The very regulations constituting the councils and determining various important questions connected therewith, are framed by the executive and not by the whole legislature, thus showing what large powers are vested in the hands of the executive as distinct from the legislature. One more feature of the Indian legis-

[illegible]

British India, is as unconstitutional as it would be mischievous in result.' Another point he emphasises in this connection is that 'the introduction into the Council of non-official members either by direct nomination, or by election under statutory rules subject to the approval of the Governor General or Governor as the case may be, can in no way affect the constitutional aspect of the question, namely, that all additional members whether official or non-official, whether nominated or elected, are the colleagues of the Governor General or Governor and of the ordinary members of his Council and as such form a component part of the Government in the exercise of its legislative functions, and there is nothing in either of the said statutes affecting the status of the Legislative Council as the Government for the purpose of making laws and regulations.'

Whatever the position of the Indian legislatures and of the elected and other additional members may be in theory, the executive authority is paramount. The executive in India is not responsible to the legislature as the British Cabinet, for instance, is to the Parliament. In spite of the non-official majorities in the Provincial Councils, the power to nominate a large number of members possessed by the Government enables it to control the legislature effectively. There is, really speaking, no obligation, legal or moral, on the part of official and non-official nominated members to vote on the side of the executive as the members of the political parties in Great Britain are invariably expected to do, yet in practice, that is what usually happens and the councils often tend to divide into two sections. The very regulations constituting the councils and determining various important questions connected therewith, are framed by the executive and not by the whole legislature, thus showing what large powers are vested in the hands of the executive as distinct from the legislature. One more feature of the Indian legis-

lative councils that may be noted is the lack of uniformity in the arrangements made for the election of members to those councils. The provinces are not regularly divided into electoral areas, except perhaps in the case of municipalities and local boards. We have electoral groups returning so many members each and the franchise is based mainly on property qualification ascertained in different ways. The electoral machinery is a bit complicated, the object of the Regulations being 'more to obtain workable electorates from the classes out of which it is formed, which could be expected to elect candidates representative of that group, than to confer upon the citizens in that group a right to vote and a voice in the selection of representatives to the legislature.' * The regulations seem to have been formed with the object of giving representation to various classes and interests and for this purpose special electorates have been constituted. Besides the general franchise granted to the people through municipalities and local boards, the landholders, the Mahomedans as a community, the Universities trading and commercial bodies and the planting and mining interests have been separately recognized and invested with the right of election. Several defects in the regulations concerning the over-representation and under-representation of certain classes have been brought to the notice of Government but at the time they were recently revised no material alterations were made in them in this connection. With larger experience of the working of the present system, which no one regards as a perfect one, and with the growth of public spirit and strong popular opinion, the existing arrangements as regards the franchise, the electorates and the proportion of elected members in the councils as also the procedure followed in them are bound to undergo material changes.

A very convenient and interesting summary of the constitutional reforms is presented in the Resolution on the

*The Indian Constitution by A. R. Iyengar

lative councils that may be noted is the lack of uniformity in the arrangements made for the election of members to those councils. The provinces are not regularly divided into electoral areas, except perhaps in the case of municipalities and local boards. We have electoral groups returning so many members each and the franchise is based mainly on property qualification ascertained in different ways. The electoral machinery is a bit complicated, the object of the Regulations being 'more to obtain workable electorates from the classes out of which it is formed, which could be expected to elect candidates representative of that group, than to confer upon the citizens in that group a right to vote and a voice in the selection of representatives to the legislature.' * The regulations seem to have been formed with the object of giving representation to various classes and interests and for this purpose special electorates have been constituted. Besides the general franchise granted to the people through municipalities and local boards, the landholders, the Mahomedans as a community, the Universities trading and commercial bodies and the planting and mining interests have been separately recognized and invested with the right of election. Several defects in the regulations concerning the over-representation and under-representation of certain classes have been brought to the notice of Government but at the time they were recently revised no material alterations were made in them in this connection. With larger experience of the working of the present system, which no one regards as a perfect one, and with the growth of public spirit and strong popular opinion, the existing arrangements as regards the franchise, the electorates and the proportion of elected members in the councils as also the procedure followed in them are bound to undergo material changes.

A very convenient and interesting summary of the constitutional reforms is presented in the Resolution on the

*The Indian Constitution by A. R. Iyengar

reforms issued by the Government of India on the 16th November 1909. The significance of the constitutional changes effected in that year is thus brought out in the concluding paragraph of that Resolution :—

“The constitutional changes that have been effected are of no small magnitude. The councils have been greatly enlarged; the maximum strength was 126 : it is now 370. All classes and interests of major importance will in future have their own representatives. In the place of 39 elected members there will now be 135; and while the electorates of the old Councils had only a right to recommend the candidate of their choice for appointment by the head of the Government, an elected member of the new Councils will sit as of right and will need official confirmation. Under the Regulations of 1892 officials were everywhere in a majority and the Regulations just issued establish a non-official majority in every Provincial Council. Nor has the reform been confined to the constitution of the councils; their functions also have been greatly enlarged. A member can now demand that the formal answer to a question shall be supplemented by further information. Discussion will no longer be confined to legislative business and a discursive and ineffectual debate on the Budget, but will be allowed in respect of all matters of general public interest. Members will in future take a real and active part in shaping the financial proposals for the year, and as regards not only financial matters but all questions of administration they will have liberal opportunities of criticism and discussion and of initiating advice and suggestions in the form of definite resolutions. The Governor General-in-Council feels that these momentous changes constitute a generous fulfilment of the gracious intention, foreshadowed in the King-Emperor's message, to entrust to the leaders of the Indian peoples a greater share in legislation and government, and he looks forward with confidence to these extensive powers being loyally and wisely used by them, in association with holders of executive authority to promote the prosperity and contentment of all classes of the inhabitants of this great country”.

reforms issued by the Government of India on the 16th November 1909. The significance of the constitutional changes effected in that year is thus brought out in the concluding paragraph of that Resolution:—

“The constitutional changes that have been effected are of no small magnitude. The councils have been greatly enlarged; the maximum strength was 126 : it is now 370. All classes and interests of major importance will in future have their own representatives. In the place of 39 elected members there will now be 135; and while the electorates of the old Councils had only a right to recommend the candidate of their choice for appointment by the head of the Government, an elected member of the new Councils will sit as of right and will need official confirmation. Under the Regulations of 1892 officials were everywhere in a majority and the Regulations just issued establish a non-official majority in every Provincial Council. Nor has the reform been confined to the constitution of the councils; their functions also have been greatly enlarged. A member can now demand that the formal answer to a question shall be supplemented by further information. Discussion will no longer be confined to legislative business and a discursive and ineffectual debate on the Budget, but will be allowed in respect of all matters of general public interest. Members will in future take a real and active part in shaping the financial proposals for the year, and as regards not only financial matters but all questions of administration they will have liberal opportunities of criticism and discussion and of initiating advice and suggestions in the form of definite resolutions. The Governor General-in-Council feels that these momentous changes constitute a generous fulfilment of the gracious intention, foreshadowed in the King-Emperor's message, to entrust to the leaders of the Indian peoples a greater share in legislation and government, and he looks forward with confidence to these extensive powers being loyally and wisely used by them, in association with holders of executive authority to promote the prosperity and contentment of all classes of the inhabitants of this great country”.

Downloaded At: 11:53 11 September 2009

The first step in the process of creating a new product is to identify a market need. This involves conducting market research to understand the current market landscape, identify gaps, and determine the target audience. Once a market need is identified, the next step is to develop a concept. This involves brainstorming ideas, creating a prototype, and testing the concept with a small group of potential customers. If the concept is well-received, the next step is to develop a business plan. This involves determining the costs of production, setting a price, and identifying potential distribution channels. Finally, the product is launched into the market. This involves creating a marketing campaign, distributing the product, and monitoring sales and customer feedback.

CHAPTER VII.

LOCAL SELF-GOVERNMENT.

‘**B**Y local government, as opposed to central government, is meant the administration of those matters which concern only the inhabitants of a particular district or place and which do not directly affect the nation at large. It is with the duty of an English citizen to his neighbours or his neighbourhood that local government is concerned. It is his duty to succour and provide for the poor and the helpless.....It is also his duty to create no nuisance—to do nothing himself and to permit nothing to be done on his premises by others which is injurious to health, or which interferes with the lawful enjoyment by any man of his own property. Fresh air, sound food, and good water are the essential conditions of public health. It is the business of the local government to see that the neighbourhood is supplied with pure water, that the food is unadulterated, that the air is uncontaminated, that the streets are properly lighted, and that the roads are reasonably safe and sufficient.’ In these words is the sphere of local government defined by an eminent English writer* on the subject. The duties above enumerated, with a few exceptions, also fall within the purview of local self-government as we have it in India. But while local institutions in Great Britain have developed spontaneously and therefore irregularly, in the course of centuries, in this country they have been deliberately intro-

* Local Government, by W. B. Odgers.

THEORY OF THE EARTH

CHAPTER I

THE EARTH AND ITS HISTORY

The Earth is a planet of the solar system, and is the only one of which we have direct knowledge. It is a sphere, and is composed of a solid crust, a liquid mantle, and a central core. The crust is the outermost layer, and is composed of various rocks and minerals. The mantle is the layer beneath the crust, and is composed of molten material. The core is the innermost layer, and is composed of molten iron and nickel. The Earth's history is a long and complex one, and is the subject of much scientific study. The Earth was formed about 4.5 billion years ago, and has since then undergone various changes. The first stage of its history was a period of intense heat and molten material. This was followed by a period of cooling and solidification. The Earth then became a solid sphere, and the various layers of the crust, mantle, and core were formed. The Earth's history is a story of constant change and evolution, and is a testament to the power of the forces of nature.

CHAPTER VII.

LOCAL SELF-GOVERNMENT.

‘**B**Y local government, as opposed to central government, is meant the administration of those matters which concern only the inhabitants of a particular district or place and which do not directly affect the nation at large. It is with the duty of an English citizen to his neighbours or his neighbourhood that local government is concerned. It is his duty to succour and provide for the poor and the helpless.....It is also his duty to create no nuisance—to do nothing himself and to permit nothing to be done on his premises by others which is injurious to health, or which interferes with the lawful enjoyment by any man of his own property. Fresh air, sound food, and good water are the essential conditions of public health. It is the business of the local government to see that the neighbourhood is supplied with pure water, that the food is unadulterated, that the air is uncontaminated, that the streets are properly lighted, and that the roads are reasonably safe and sufficient.’ In these words is the sphere of local government defined by an eminent English writer* on the subject. The duties above enumerated, with a few exceptions, also fall within the purview of local self-government as we have it in India. But while local institutions in Great Britain have developed spontaneously and therefore irregularly, in the course of centuries, in this country they have been deliberately intro-

* Local Government, by W. B. Odgers.

duced cast in a certain mould. It is an error to suppose, however, that local institutions did not exist in India before they were artificially created and introduced into the administrative organization in the last generation. Though the old indigenous institutions did not perform the same functions as are supposed to lie within the legitimate sphere of their modern prototypes, there is no doubt that they played an important part in the life of the community. From time immemorial local affairs in most parts of India have been conducted by village communities and trade guilds in towns. The Indian village community is a notable and an interesting institution. It survived foreign invasions and civil wars and the tide of these rolled over its head harmless. The village was a compact and complete unit the local affairs of which were regularly conducted by the inhabitants. It had its own officers for revenue collection and police purposes and the *panchayat* heard disputes and gave decisions. A rough idea of a typical village has been given in a previous chapter. But the local bodies we have in our midst at the present moment, the municipalities and the local boards, do not represent the development of that old institution. Very little now remains of the local autonomy which the Indian villages at one time enjoyed. The administrative machinery erected throughout the country by the British Government has superseded the village organization, though some vestiges of the latter still remain and are, to a small extent, adapted to the requirements of the new arrangement. There is a widespread desire to revive the old system of village self-government and the panchayats, and in certain parts of the country rural unions have been formed by Government for specific local purposes. The growth of the village community was arrested, and owing to various causes it became disintegrated and finally decayed. The municipalities and local boards of our times are the creation of the last sixty years, especially of the last quarter of the 19th century.

the first of these is the fact that the majority of the respondents are from the United Kingdom. This is a limitation of the study, as it may not be representative of the wider international community. The second limitation is that the study is based on a self-selected sample of respondents, which may also limit the generalisability of the findings. The third limitation is that the study is based on a single point in time, which may not capture the changing nature of the information environment. Despite these limitations, the study provides a valuable insight into the information needs of the research community. The findings suggest that the research community has a wide range of information needs, which are not always met by the current information services. This highlights the need for further research into the information needs of the research community, and for the development of new information services to meet these needs. The study also highlights the importance of the research community in the development of information services, and the need for a closer relationship between the research community and the information services providers. The study is a valuable contribution to the understanding of the information needs of the research community, and the need for further research in this area.

duced cast in a certain mould. It is an error to suppose, however, that local institutions did not exist in India before they were artificially created and introduced into the administrative organization in the last generation. Though the old indigenous institutions did not perform the same functions as are supposed to lie within the legitimate sphere of their modern prototypes, there is no doubt that they played an important part in the life of the community. From time immemorial local affairs in most parts of India have been conducted by village communities and trade guilds in towns. The Indian village community is a notable and an interesting institution. It survived foreign invasions and civil wars and the tide of these rolled over its head harmless. The village was a compact and complete unit the local affairs of which were regularly conducted by the inhabitants. It had its own officers for revenue collection and police purposes and the *panchayat* heard disputes and gave decisions. A rough idea of a typical village has been given in a previous chapter. But the local bodies we have in our midst at the present moment, the municipalities and the local boards, do not represent the development of that old institution. Very little now remains of the local autonomy which the Indian villages at one time enjoyed. The administrative machinery erected throughout the country by the British Government has superseded the village organization, though some vestiges of the latter still remain and are, to a small extent, adapted to the requirements of the new arrangement. There is a widespread desire to revive the old system of village self-government and the panchayats, and in certain parts of the country rural unions have been formed by Government for specific local purposes. The growth of the village community was arrested, and owing to various causes it became disintegrated and finally decayed. The municipalities and local boards of our times are the creation of the last sixty years, especially of the last quarter of the 19th century.

Leaving out of consideration, for the present, the municipal administration of the Presidency towns of Calcutta, Madras and Bombay, we may observe that before the year 1842, there was practically no attempt at municipal legislation. An act passed in that year for Bengal became inoperative and eight years later another was passed applying to the whole of India. Under this Act of 1850 and many provincial Acts passed later on, a number of municipalities were established in all parts of India. Act X of 1842 referred to above, was 'for enabling the inhabitants of any place of public resort or residence (in Bengal outside the limits of Calcutta) to make better provision for purposes connected with public health and convenience'. This Act having been repealed in 1850 because it 'proved ineffectual', Act XXVI of 1850 was passed. It was permissive in its obligation and was largely availed of in the North West Provinces and in Bombay but remained almost a dead letter in the rest of the country. The Government of any Province was empowered to bring the Act into operation in any town on satisfying itself that such application was in conformity with the wishes of the inhabitants. The purposes specified were, 'making, repairing, cleaning, lighting, or watching roads, drains, or tanks; prevention of nuisances; or improving the town in any other manner.' The Government was authorized to appoint the Magistrate and such number of inhabitants as may appear necessary to be commissioners on whom large powers were conferred of making rules. Under the power thus granted, taxes were to be levied upon houses or other forms of property. It was in this way that the levy of octroi duties first became legal in India. This and other Acts passed during the next twenty years did not materially advance the cause of local self-government. It was in 1870 that a further step in the path of real progress was made when Lord Mayo's Government in their famous resolution introducing the system of provincial finance, referred to the necessity of taking further steps to have local inter-

Leaving out of consideration, for the present, the municipal administration of the Presidency towns of Calcutta, Madras and Bombay, we may observe that before the year 1842, there was practically no attempt at municipal legislation. An act passed in that year for Bengal became inoperative and eight years latter another was passed applying to the whole of India. Under this Act of 1850 and many provincial Acts passed later on, a number of municipalities were established in all parts of India. Act X of 1842 referred to above, was 'for enabling the inhabitants of any place of public resort or residence (in Bengal outside the limits of Calcutta) to make better provision for purposes connected with public health and convenience'. This Act having been repealed in 1850 because it 'proved ineffectual', Act XXVI of 1850 was passed. It was permissive in its obligation and was largely availed of in the North West Provinces and in Bombay but remained almost a dead letter in the rest of the country. The Government of any Province was empowered to bring the Act into operation in any town on satisfying itself that such application was in conformity with the wishes of the inhabitants. The purposes specified were, 'making, repairing, cleaning, lighting, or watching roads, drains, or tanks; prevention of nuisances; or improving the town in any other manner.' The Government was authorized to appoint the Magistrate and such number of inhabitants as may appear necessary to be commissioners on whom large powers were conferred of making rules. Under the power thus granted, taxes were to be levied upon houses or other forms of property. It was in this way that the levy of octroi duties first became legal in India. This and other Acts passed during the next twenty years did not materially advance the cause of local self-government. It was in 1870 that a further step in the path of real progress was made when Lord Mayo's Government in their famous resolution introducing the system of provincial finance, referred to the necessity of taking further steps to have local inter-

est and supervision to bear on the management of funds devoted to education, sanitation, medical charity and local public works. During the next few years, provincial Municipal Acts were passed which extended the elective principle in the constitution of municipalities. In Bombay Presidency, for example, which had remained under the General Act of 1850, a District Municipal Act was passed in 1873, which divided the existing municipalities into two classes:—(1) Cities where an elective system was permissive, and (2) towns where all the members were nominated. The Collector of the District was *ex-officio* president of both classes and the Assistant or Deputy Collector was vice-president of the "town" municipality. Towards the end of the year 1882-83 14 'towns' were raised to the rank of 'cities', which then numbered 24: and the elective system was for the time introduced into them. By the Act of 1884 the distinction between city and town municipalities was abolished and the elective system greatly extended. Half the municipal commissioners were to be elected, and of the remainder not more than one-half were to be salaried servants of Government. The president might be appointed by Government or elected by the Commissioners; and if he was an official, the commissioners were to elect a vice-chairman. The Municipal Act of 1901 consolidated the law relating to district municipalities in the presidency which was previously contained in the laws of 1873-1884 and effected some changes in the powers and the constitution of the municipal councils. It retained the old distinction between large cities containing not less than 15,000 inhabitants and the smaller municipalities. In the city municipalities a chief officer might be appointed to exercise executive functions; and provision was also made for the appointment of a health officer or an engineer. The proportion of elected councillors remained at not less than one-half in every municipality except those to which the elective franchise would not, for special reasons, be extended. The Act also provided for

est and supervision to bear on the management of funds devoted to education, sanitation, medical charity and local public works. During the next few years, provincial Municipal Acts were passed which extended the elective principle in the constitution of municipalities. In Bombay Presidency, for example, which had remained under the General Act of 1850, a District Municipal Act was passed in 1873, which divided the existing municipalities into two classes:—(1) Cities where an elective system was permissive, and (2) towns where all the members were nominated. The Collector of the District was *ex-officio* president of both classes and the Assistant or Deputy Collector was vice-president of the "town" municipality. Towards the end of the year 1882-83 14 'towns' were raised to the rank of 'cities', which then numbered 24: and the elective system was for the time introduced into them. By the Act of 1884 the distinction between city and town municipalities was abolished and the elective system greatly extended. Half the municipal commissioners were to be elected, and of the remainder not more than one-half were to be salaried servants of Government. The president might be appointed by Government or elected by the Commissioners; and if he was an official, the commissioners were to elect a vice-chairman. The Municipal Act of 1901 consolidated the law relating to district municipalities in the presidency which was previously contained in the laws of 1873-1884 and effected some changes in the powers and the constitution of the municipal councils. It retained the old distinction between large cities containing not less than 15,000 inhabitants and the smaller municipalities. In the city municipalities a chief officer might be appointed to exercise executive functions; and provision was also made for the appointment of a health officer or an engineer. The proportion of elected councillors remained at not less than one-half in every municipality except those to which the elective franchise would not, for special reasons, be extended. The Act also provided for

the establishment of 'notified areas' on the lines of the system in force in the Punjab in places where improved arrangements might be required in respect of municipal matters but where it might not be expedient to constitute a municipality. In order to quicken public interest in local affairs, Government in 1908-09 relaxed its control by empowering a large number of municipalities to elect non-official presidents and by conceding to a few city municipalities the privilege of electing two-thirds of the number of their councillors on their agreeing to appoint a Government servant as chief-officer of the executive. These privileges have since been extended to other municipalities and extended franchise has been conferred in other cases. During the last few years strict measures had to be taken against some of these bodies which were proved to have abused their powers by mismanaging things. Upto 1912 the privilege of electing their own presidents had been conferred on 93 municipalities and more than half of them has elected non-officials.

This advance in local self-government was largely stimulated by the memorable Resolution of 1882 on the subject issued by the Government of Lord Ripon, which laid down some common principles for the guidance of the Local Governments in the matter. The Governor General-in-Council explained at the outset, that 'in advocating the extension of local self-government and the adoption of this principle in the management of many branches of local affairs, he does not suppose that the work will be in the first instance better done than if it remained in the sole hands of the Government District officers. It is not, primarily, with a view to improvement in administration that this measure is put forward and supported. It is chiefly desirable as an instrument of political and popular education. His Excellency-in-Council has himself no doubt that in course of time, as local knowledge and local

The Association of American Physicians and Surgeons, Inc., is a national organization of medical and surgical practitioners, organized for the purpose of promoting the interests of the medical and surgical professions, and of the public, by the advancement of the science and practice of medicine and surgery, and by the improvement of the medical and surgical education of the people.



The Association of American Physicians and Surgeons, Inc., is a national organization of medical and surgical practitioners, organized for the purpose of promoting the interests of the medical and surgical professions, and of the public, by the advancement of the science and practice of medicine and surgery, and by the improvement of the medical and surgical education of the people.

the establishment of 'notified areas' on the lines of the system in force in the Punjab in places where improved arrangements might be required in respect of municipal matters but where it might not be expedient to constitute a municipality. In order to quicken public interest in local affairs, Government in 1908-09 relaxed its control by empowering a large number of municipalities to elect non-official presidents and by conceding to a few city municipalities the privilege of electing two-thirds of the number of their councillors on their agreeing to appoint a Government servant as chief-officer of the executive. These privileges have since been extended to other municipalities and extended franchise has been conferred in other cases. During the last few years strict measures had to be taken against some of these bodies which were proved to have abused their powers by mismanaging things. Upto 1912 the privilege of electing their own presidents had been conferred on 93 municipalities and more than half of them has elected non-officials.

This advance in local self-government was largely stimulated by the memorable Resolution of 1882 on the subject issued by the Government of Lord Ripon, which laid down some common principles for the guidance of the Local Governments in the matter. The Governor General-in-Council explained at the outset, that 'in advocating the extension of local self-government and the adoption of this principle in the management of many branches of local affairs, he does not suppose that the work will be in the first instance better done than if it remained in the sole hands of the Government District officers. It is not, primarily, with a view to improvement in administration that this measure is put forward and supported. It is chiefly desirable as an instrument of political and popular education. His Excellency-in-Council has himself no doubt that in course of time, as local knowledge and local

interest are brought to bear more freely upon local administration, improved efficiency will in fact follow. But at starting, there will doubtless be many failures, calculated to discourage exaggerated hopes, and even in some cases to cast apparent discredit upon the practice of self-government itself.' The spirit which animated Lord Ripon's policy towards municipal and local self-government in India will be apparent from these words of the Resolution. We shall speak of district and Local Boards presently ; it may be said here generally that provincial legislation in the matter of municipal and local self-government has been based, conformably to the different local conditions, on the principles laid down in the Resolution of 1882. All the legislation since passed has tended to confer greater responsibility upon municipal councils and to extend the elective system. The Government of Lord Elgin in 1896 reviewed the progress of Local self-Government up to that date in two resolutions. They noted, with regard to municipalities, 'with much satisfaction, the marked advance in self-government ... and the activity, intelligence, and general economy with which the municipal bodies have improved the conservancy services, the water supply, the drainage, the street paving, the lighting, and the many conveniences of the towns in their charge'. In reviewing the administration of municipalities from time to time, Government have expressed their satisfaction at the progress those bodies have been steadily making, though complaints are often heard as to a lack of public spirit in the people who are expected to take interest in local affairs and to general slackness and inefficiency in the Management thereof.

The following table shows the number and constitution of the municipalities in each province:—

interest are brought to bear more freely upon local administration, improved efficiency will in fact follow. But at starting, there will doubtless be many failures, calculated to discourage exaggerated hopes, and even in some cases to cast apparent discredit upon the practice of self-government itself.' The spirit which animated Lord Ripon's policy towards municipal and local self-government in India will be apparent from these words of the Resolution. We shall speak of district and Local Boards presently ; it may be said here generally that provincial legislation in the matter of municipal and local self-government has been based, conformably to the different local conditions, on the principles laid down in the Resolution of 1882. All the legislation since passed has tended to confer greater responsibility upon municipal councils and to extend the elective system. The Government of Lord Elgin in 1896 reviewed the progress of Local self-Government up to that date in two resolutions. They noted, with regard to municipalities, 'with much satisfaction, the marked advance in self-government ... and the activity, intelligence, and general economy with which the municipal bodies have improved the conservancy services, the water supply, the drainage, the street paving, the lighting, and the many conveniences of the towns in their charge'. In reviewing the administration of municipalities from time to time, Government have expressed their satisfaction at the progress those bodies have been steadily making, though complaints are often heard as to a lack of public spirit in the people who are expected to take interest in local affairs and to general slackness and inefficiency in the Management thereof.

The following table shows the number and constitution of the municipalities in each province:—

the first of these is the fact that the majority of the information sources are not available in the form of a single, unified, and comprehensive database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The second of these factors is the fact that the information sources are often scattered across a wide range of different geographical locations. This is due to the fact that the information sources are often owned by different organisations, and these organisations are often located in different parts of the world. The third of these factors is the fact that the information sources are often scattered across a wide range of different time periods. This is due to the fact that the information sources are often produced at different times, and these times are often spread out over a long period of time.

The first of these factors is the fact that the majority of the information sources are not available in the form of a single, unified, and comprehensive database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The second of these factors is the fact that the information sources are often scattered across a wide range of different geographical locations. This is due to the fact that the information sources are often owned by different organisations, and these organisations are often located in different parts of the world. The third of these factors is the fact that the information sources are often scattered across a wide range of different time periods. This is due to the fact that the information sources are often produced at different times, and these times are often spread out over a long period of time.

The first of these factors is the fact that the majority of the information sources are not available in the form of a single, unified, and comprehensive database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The second of these factors is the fact that the information sources are often scattered across a wide range of different geographical locations. This is due to the fact that the information sources are often owned by different organisations, and these organisations are often located in different parts of the world. The third of these factors is the fact that the information sources are often scattered across a wide range of different time periods. This is due to the fact that the information sources are often produced at different times, and these times are often spread out over a long period of time.

The first of these factors is the fact that the majority of the information sources are not available in the form of a single, unified, and comprehensive database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases.

| | No. of Municipalities. | Population within Municipal Limits. | Total No. of Members. | By Qualification. | | | By Employment | | By Race | |
|--------------------------------|------------------------|-------------------------------------|-----------------------|--------------------------|------------|----------|---------------|----------------|------------|----------|
| | | | | E ^x -officio. | Nominated. | Elected. | Officials. | Non-officials. | Europeans. | Indians. |
| Calcutta | I | 8,96,067 | 50 | ... | 25 | 25 | 5 | 45 | 21 | 29 |
| Bombay | I | 9,79,445 | 72 | ... | 16 | 56 | 6 | 66 | 17 | 55 |
| Madras | I | 5,18,660 | 36 | I | 15 | 20 | 4 | 32 | 12 | 24 |
| Rangoon | I | 2,93,316 | 25 | ... | 6 | 19 | 5 | 20 | 13 | 12 |
| <i>District Municipalities</i> | | | | | | | | | | |
| Bengal (excluding Calcutta) | III | 19,68,292 | 1513 | 98 | 554 | 861 | 178 | 1335 | 156 | 1357 |
| Bihar and Orissa | 54 | 11,70,530 | 776 | 96 | 274 | 408 | 134 | 642 | 132 | 644 |
| Assam | 16 | 1,17,880 | 167 | 34 | 77 | 56 | 48 | 113 | 37 | 130 |
| United Provinces | 87 | 30,14,806 | 1185 | 93 | 192 | 900 | 195 | 990 | 142 | 1043 |
| Punjab | 107 | 18,78,417 | 1224 | 222 | 436 | 566 | 253 | 971 | 103 | 1121 |
| N. W. Frontier Province | 6 | 1,41,928 | 116 | 35 | 81 | ... | 35 | 81 | 18 | 98 |
| C. P. and Berar | 56 | 8,71,780 | 758 | 21 | 257 | 480 | 157 | 601 | 27 | 686 |
| Burma (excluding Rangoon) | 45 | 6,99,798 | 570 | 177 | 297 | 96 | 194 | 376 | 161 | 409 |
| Bombay (excluding City) | 61 | 20,77,545 | 896 | 71 | 376 | 449 | 168 | 728 | 134 | 762 |
| Madras (excluding City) | 158 | 23,54,932 | 2130 | 387 | 830 | 913 | 457 | 1673 | 137 | 1993 |
| Coorg | 5 | 14,159 | 51 | 18 | 24 | 9 | 19 | 32 | 8 | 43 |
| Ajmer-Merwara | 3 | 1,14,999 | 53 | 6 | 15 | 32 | 9 | 44 | 8 | 45 |
| British Baluchistan | I | 17,021 | 20 | 6 | 14 | 8 | 8 | 12 | 8 | 12 |
| Total | 714 | 17,129,575 | 9642 | 1362 | 3390 | 1890 | 1857 | 7758 | 1179 | 8460 |

| | No. of Municipalities. | Population within Municipal Limits. | Total No. of Members. | By Qualification. | | | By Employment | | By Race | |
|--------------------------------|------------------------|-------------------------------------|-----------------------|-------------------------|------------|----------|---------------|----------------|------------|----------|
| | | | | B ^x -Office. | Nominated. | Elected. | Officials. | Non-officials. | Europeans. | Indians. |
| Calcutta | 1 | 8,96,067 | 50 | ... | 25 | 25 | 5 | 45 | 21 | 29 |
| Bombay | 1 | 9,79,445 | 72 | ... | 16 | 56 | 6 | 66 | 17 | 55 |
| Madras | 1 | 5,18,660 | 36 | 1 | 15 | 20 | 4 | 32 | 12 | 24 |
| Rangoon | 1 | 2,93,316 | 25 | ... | 6 | 19 | 5 | 20 | 13 | 12 |
| <i>District Municipalities</i> | | | | | | | | | | |
| Bengal (excluding Calcutta) | 111 | 19,68,292 | 1513 | 98 | 554 | 861 | 178 | 1335 | 156 | 1357 |
| Bihar and Orissa | 54 | 11,70,530 | 776 | 96 | 274 | 408 | 134 | 642 | 132 | 644 |
| Assam | 16 | 1,17,880 | 167 | 34 | 77 | 56 | 48 | 113 | 37 | 130 |
| United Provinces | 87 | 30,14,806 | 1185 | 93 | 192 | 900 | 195 | 990 | 142 | 1043 |
| Punjab | 107 | 18,78,417 | 1224 | 222 | 436 | 566 | 253 | 971 | 103 | 1121 |
| N. W. Frontier Province | 6 | 1,41,928 | 116 | 35 | 81 | ... | 35 | 81 | 18 | 98 |
| C. P. and Berar | 56 | 8,71,780 | 758 | 21 | 257 | 480 | 157 | 601 | 27 | 686 |
| Burma (excluding Rnagoon) | 45 | 6,99,798 | 570 | 177 | 297 | 96 | 194 | 376 | 161 | 409 |
| Bombay (excluding City) | 61 | 20,77,545 | 896 | 71 | 376 | 449 | 168 | 728 | 134 | 762 |
| Madras (excluding City) | 158 | 23,54,932 | 2130 | 387 | 830 | 913 | 457 | 1673 | 137 | 1993 |
| Coorg | 5 | 14,159 | 51 | 18 | 24 | 9 | 19 | 32 | 8 | 43 |
| Ajmer-Merwara | 3 | 1,14,999 | 53 | 6 | 15 | 32 | 9 | 44 | 8 | 45 |
| British Baluchistan | 1 | 17,021 | 20 | 6 | 14 | 8 | 8 | 12 | 8 | 12 |
| Total | 714 | 17,129,575 | 9642 | 1362 | 3390 | 1890 | 1857 | 7758 | 1179 | 8460 |

The principal normal functions of the municipalities which may be classified under the heads of public safety, health and education, are :—

- (1) The construction, upkeep and lighting of streets and roads, and the provision and maintenance of public and municipal buildings.
 - (2) The preservation of the public health—principally with reference to provision of medical relief, vaccination, sanitation, drainage and water supply, and measures against epidemics.
 - (3) Education, particularly primary education.
- They are also responsible for famine relief.

The principal sources of municipal revenue are :—

- (1) Octroi (principally in Northern India, Bombay and the Central Provinces).
- (2) Taxes on houses and lands (in Madras, Bombay, Bengal and the Central Provinces).
- (3) A tax on professions and trades (in Madras and the United Provinces).
- (4) Road Tolls (in Madras, Bombay and Assam).
- (5) Taxes on carts and vehicles.
- (6) Rates and fees for services rendered in the shape of conservancy, water supply, markets, schools &c.

The average incidence of municipal taxation per head of municipal population in 1911-12 for British India as a whole, was Rs. 2.95. If the Presidency towns, where the figures are higher, are left out of account, the provincial averages ranged from Rs. 3.08 in the North West Frontier Province, to Rs. 2.38 in the Punjab, to Rs. 1.35 in Madras, and Rs. 1.02 in Coorg. The total revenue of all the municipalities in British India in 1911-12 came to about Rs. 7 crores, and the total expenditure to nearly Rs. 7 $\frac{1}{4}$ crores. The net amount of debt owed by the municipalities was about 14 crores of rupees. The greater part of this debt is

The following is a list of the names of the members of the American Medical Association who have been elected to the office of President of the Association for the year 1911.

Dr. J. C. Brainerd, Chicago, Ill., President of the Association for the year 1911.

Dr. J. C. Brainerd, Chicago, Ill., President of the Association for the year 1911.

Dr. J. C. Brainerd, Chicago, Ill., President of the Association for the year 1911.

Dr. J. C. Brainerd, Chicago, Ill., President of the Association for the year 1911.

Dr. J. C. Brainerd, Chicago, Ill., President of the Association for the year 1911.

Dr. J. C. Brainerd, Chicago, Ill., President of the Association for the year 1911.

Dr. J. C. Brainerd, Chicago, Ill., President of the Association for the year 1911.

The following is a list of the names of the members of the American Medical Association who have been elected to the office of President of the Association for the year 1911.

The principal normal functions of the municipalities which may be classified under the heads of public safety, health and education, are :—

- (1) The construction, upkeep and lighting of streets and roads, and the provision and maintenance of public and municipal buildings.
 - (2) The preservation of the public health—principally with reference to provision of medical relief, vaccination, sanitation, drainage and water supply, and measures against epidemics.
 - (3) Education, particularly primary education.
- They are also responsible for famine relief.

The principal sources of municipal revenue are :—

- (1) Octroi (principally in Northern India, Bombay and the Central Provinces).
- (2) Taxes on houses and lands (in Madras, Bombay, Bengal and the Central Provinces).
- (3) A tax on professions and trades (in Madras and the United Provinces).
- (4) Road Tolls (in Madras, Bombay and Assam).
- (5) Taxes on carts and vehicles.
- (6) Rates and fees for services rendered in the shape of conservancy, water supply, markets, schools &c.

The average incidence of municipal taxation per head of municipal population in 1911-12 for British India as a whole, was Rs. 2.95. If the Presidency towns, where the figures are higher, are left out of account, the provincial averages ranged from Rs. 3.08 in the North West Frontier Province, to Rs. 2.38 in the Punjab, to Rs. 1.35 in Madras, and Rs. 1.02 in Coorg. The total revenue of all the municipalities in British India in 1911-12 came to about Rs. 7 crores, and the total expenditure to nearly Rs. 7 $\frac{1}{4}$ crores. The net amount of debt owed by the municipalities was about 14 crores of rupees. The greater part of this debt is

accounted for by the cities of Calcutta and Bombay. No regular subvention to municipal revenues is made by Government but in certain provinces contributions are regularly made in respect of education, hospitals, and veterinary work where they undertake this. Then again, when a municipality undertakes a large drainage or water supply scheme which it cannot carry out from its current resources and for which it has to borrow, the Local Government takes a share in the capital outlay. The funds needed for such schemes, the cost of which is too large to be defrayed from ordinary revenues, are usually borrowed, except for the Presidency towns, chiefly though not entirely from Government. Thus the grants and contributions from Government, local funds &c. in the year 1911-12 amounted to something like 90 lakhs of rupees. Special grants are also occasionally made to Local Governments by the Government of India for the benefit of municipalities. Certain special grants thus made for the promotion of education and sanitation are passed on in this way. Generally speaking a municipality may not levy a tax or charge provided for in the municipal law or vary the rate of incidence without the sanction of the Local Government as in Madras or of the Commissioner, as is usually the case in Bombay. In all provinces except Bombay, the municipal budgets require the sanction of the Local Government which may delegate this control to Commissioners. The Decentralization Commission recommended in this connection that 'municipalities should have full liberty to impose or alter taxation within the limits laid down by the municipal laws; but that where an Act does not prescribe a maximum rate, the sanction of an outside authority should be required to 'any increase in taxation'; further that 'municipalities should have a free hand in regard to their budgets, though these should go, through the Collector to the Commissioner for information, and that the only check required is that each municipality should maintain a minimum standing balance.

accounted for by the cities of Calcutta and Bombay. No regular subvention to municipal revenues is made by Government but in certain provinces contributions are regularly made in respect of education, hospitals, and veterinary work where they undertake this. Then again, when a municipality undertakes a large drainage or water supply scheme which it cannot carry out from its current resources and for which it has to borrow, the Local Government takes a share in the capital outlay. The funds needed for such schemes, the cost of which is too large to be defrayed from ordinary revenues, are usually borrowed, except for the Presidency towns, chiefly though not entirely from Government. Thus the grants and contributions from Government, local funds &c. in the year 1911-12 amounted to something like 90 lakhs of rupees. Special grants are also occasionally made to Local Governments by the Government of India for the benefit of municipalities. Certain special grants thus made for the promotion of education and sanitation are passed on in this way. Generally speaking a municipality may not levy a tax or charge provided for in the municipal law or vary the rate of incidence without the sanction of the Local Government as in Madras or of the Commissioner, as is usually the case in Bombay. In all provinces except Bombay, the municipal budgets require the sanction of the Local Government which may delegate this control to Commissioners. The Decentralization Commission recommended in this connection that 'municipalities should have full liberty to impose or alter taxation within the limits laid down by the municipal laws; but that where an Act does not prescribe a maximum rate, the sanction of an outside authority should be required to 'any increase in taxation'; further that 'municipalities should have a free hand in regard to their budgets, though these should go, through the Collector to the Commissioner for information, and that the only check required is that each municipality should maintain a minimum standing balance.

to be prescribed by the Local Government'. The control of Government in Madras over municipalities in respect of the creation of appointments or the alteration of their emoluments is very strict so that a Madras witness in his evidence before the Commission observed that 'if the municipality wanted to increase the pay of a peon or clerk by a rupee, it had to go up to Government for sanction.'

The constitution of municipalities varies in the different provinces. The municipal councils have usually a large proportion of elected members varying from one-half to two-thirds. The general tendency is towards an increase in this element. From the figures given on a preceding page, it will be seen that the proportion of elected members was, in 1911-12, rather more than a half whereas ten years previous to that year it was slightly less. Elected members are in the majority in the cities of Bombay, Madras, and Rangoon, and in Bengal (excluding Calcutta), Bihar and Orissa, the United Provinces, and the Central Provinces. In the N. W. Province, and Baluchistan on the other hand, there are no elected members, and in Burma they form a small minority. Non-officials outnumber officials everywhere, and as is to be expected, Indians outnumber Europeans to an even greater degree, except in Rangoon. Wards or classes of the community or both form the basis of representation. In order to qualify as a voter a person must be resident, not below a specified age, and property or status qualifications are also generally laid down. Latterly the claims of certain minorities have been taken into consideration and special provision is being made for their adequate representation on municipal councils. The Chairmen or Presidents of the municipal corporations have usually been district officers but there is a growing tendency to allow the Chairman to be a non-official and to be elected by the Commissioners themselves. As has been shown above, Government possesses

to be prescribed by the Local Government'. The control of Government in Madras over municipalities in respect of the creation of appointments or the alteration of their emoluments is very strict so that a Madras witness in his evidence before the Commission observed that 'if the municipality wanted to increase the pay of a peon or clerk by a rupee, it had to go up to Government for sanction.'

The constitution of municipalities varies in the different provinces. The municipal councils have usually a large proportion of elected members varying from one-half to two-thirds. The general tendency is towards an increase in this element. From the figures given on a preceding page, it will be seen that the proportion of elected members was, in 1911-12, rather more than a half whereas ten years previous to that year it was slightly less. Elected members are in the majority in the cities of Bombay, Madras, and Rangoon, and in Bengal (excluding Calcutta), Bihar and Orissa, the United Provinces, and the Central Provinces. In the N. W. Province, and Baluchistan on the other hand, there are no elected members, and in Burma they form a small minority. Non-officials outnumber officials everywhere, and as is to be expected, Indians outnumber Europeans to an even greater degree, except in Rangoon. Wards or classes of the community or both form the basis of representation. In order to qualify as a voter a person must be resident, not below a specified age, and property or status qualifications are also generally laid down. Latterly the claims of certain minorities have been taken into consideration and special provision is being made for their adequate representation on municipal councils. The Chairmen or Presidents of the municipal corporations have usually been district officers but there is a growing tendency to allow the Chairman to be a non-official and to be elected by the Commissioners themselves. As has been shown above, Government possesses



Figure 1 shows the percentage of respondents who use various information sources. The majority of respondents (65%) use printed sources, while 35% use electronic sources. Only 15% use both, and 5% use neither. This indicates a strong preference for printed sources among the respondents.

The next section of the study focuses on the factors that influence the choice of information source. The factors are categorized into three groups: personal factors, organizational factors, and environmental factors. Personal factors include age, gender, and education level. Organizational factors include the type of organization and the size of the organization. Environmental factors include the availability of resources and the level of competition.

The study found that personal factors have a significant influence on the choice of information source. For example, older respondents are more likely to use printed sources, while younger respondents are more likely to use electronic sources. Similarly, respondents with higher education levels are more likely to use both printed and electronic sources.

Organizational factors also have a significant influence on the choice of information source. Respondents working in larger organizations are more likely to use electronic sources, while respondents working in smaller organizations are more likely to use printed sources. Additionally, respondents working in research organizations are more likely to use both printed and electronic sources.

Environmental factors also have a significant influence on the choice of information source. Respondents in environments with abundant resources are more likely to use electronic sources, while respondents in environments with limited resources are more likely to use printed sources. Finally, respondents in highly competitive environments are more likely to use both printed and electronic sources.

The study concludes that the choice of information source is influenced by a combination of personal, organizational, and environmental factors. Understanding these factors can help organizations and individuals make more informed decisions about which information sources to use.

large powers of control over municipalities, but it is being steadily relaxed, at any rate, in the case of the larger bodies. The Collector has the power to require the execution by a municipal council of its resolution, or, in special cases, to suspend the operation of such resolutions pending report to higher authority. Except in Madras, municipal councils work largely through committees and it is suggested that they should be able to appoint persons outside the council to such committees when this may be thought desirable.

Municipal self-government in the three Presidency towns of Calcutta, Madras and Bombay stands on a footing of its own and its history goes back to the early days of the East India Company. So far back as 1687 the Court of Directors ordered that a Corporation should be formed at Madras containing both European and Native members, with a special view to the levying of local taxation. This Corporation consisted of a Mayor, twelve aldermen and sixty burgesses; but it does not appear to have lived long. The Mayor's courts composed of a Mayor and nine aldermen, which were established by Royal Charter at Calcutta, Madras and Bombay in 1726 were courts of judicature rather than administrative corporations. The first distinct authority to levy taxation for local purposes was derived from the Regulating Act which empowered the Governor General to nominate covenanted servants of the Company and other British inhabitants to be Justices of the Peace whose commission issued from the Supreme Court in the name of the Crown, not of the Company ... After several intermediate statutes, the municipal constitution of the three towns was entirely remodelled by a series of Acts passed by the Legislative Council of India in 1856. A body corporate was established for each under the style of Municipal Commissioners, composed of three salaried members, of whom one was to be President. Except in Bombay all the Commissioners were appointed by Govern-

large powers of control over municipalities, but it is being steadily relaxed, at any rate, in the case of the larger bodies. The Collector has the power to require the execution by a municipal council of its resolution, or, in special cases, to suspend the operation of such resolutions pending report to higher authority. Except in Madras, municipal councils work largely through committees and it is suggested that they should be able to appoint persons outside the council to such committees when this may be thought desirable.

Municipal self-government in the three Presidency towns of Calcutta, Madras and Bombay stands on a footing of its own and its history goes back to the early days of the East India Company. So far back as 1687 the Court of Directors ordered that a Corporation should be formed at Madras containing both European and Native members, with a special view to the levying of local taxation. This Corporation consisted of a Mayor, twelve aldermen and sixty burgesses; but it does not appear to have lived long. The Mayor's courts composed of a Mayor and nine aldermen, which were established by Royal Charter at Calcutta, Madras and Bombay in 1726 were courts of judicature rather than administrative corporations. The first distinct authority to levy taxation for local purposes was derived from the Regulating Act which empowered the Governor General to nominate covenanted servants of the Company and other British inhabitants to be Justices of the Peace whose commission issued from the Supreme Court in the name of the Crown, not of the Company ... After several intermediate statutes, the municipal constitution of the three towns was entirely remodelled by a series of Acts passed by the Legislative Council of India in 1856. A body corporate was established for each under the style of Municipal Commissioners, composed of three salaried members, of whom one was to be President. Except in Bombay all the Commissioners were appointed by Govern-

ment, and the two others by the Justices of the Peace. To this body large powers of assessing and collecting rates and of executing works of conservancy and general improvement were entrusted. So far, the Presidency towns had been substantially subject to a uniform system of municipal administration. But henceforth the systems diverged, in accordance with local legislative independence restored in 1861.* During the fifty years preceding the passing of the Calcutta Municipal Act of 1899, several attempts were made to organize and place the local government of the city on a sound basis but all of them appeared to have proved unsatisfactory. As remodelled by the Act of 1892 and by which the municipal administration of Calcutta is at present regulated, the Corporation consists of a Chairman appointed by the Local Government and 50 Commissioners, half of whom are elected at triennial ward elections, while the remainder are appointed, four each by the Bengal Chamber of Commerce and the Calcutta Trades Association, two by the Port Commissioners, and fifteen by the Local Government. Within this Corporation, there is a smaller body called the General Committee, consisting of the Chairman and 12 members, four elected by the Ward Commissioners, four by the other Commissioners and the remaining four appointed by the Government. There are also various committees and sub-committees. Subject, in specified cases, to the approval or sanction of the corporation, or of the general committee, as the case may be, the entire control of executive operations is vested in the Chairman. The corporation is given such powers as may be exercised by a deliberative assembly for instance the right of fixing the rates of taxation, while the general committee is entrusted with matters which cannot be exercised by the whole body or be left to the discretion of the Chairman alone. Under the new arrangements Calcutta has made vast progress in various directions but a lack of popular enthusiasm

*Statement of Moral and Material Progress in India, for 1891-92.

ment, and the two others by the Justices of the Peace. To this body large powers of assessing and collecting rates and of executing works of conservancy and general improvement were entrusted. So far, the Presidency towns had been substantially subject to a uniform system of municipal administration. But henceforth the systems diverged, in accordance with local legislative independence restored in 1861.* During the fifty years preceding the passing of the Calcutta Municipal Act of 1899, several attempts were made to organize and place the local government of the city on a sound basis but all of them appeared to have proved unsatisfactory. As remodelled by the Act of 1892 and by which the municipal administration of Calcutta is at present regulated, the Corporation consists of a Chairman appointed by the Local Government and 50 Commissioners, half of whom are elected at triennial ward elections, while the remainder are appointed, four each by the Bengal Chamber of Commerce and the Calcutta Trades Association, two by the Port Commissioners, and fifteen by the Local Government. Within this Corporation, there is a smaller body called the General Committee, consisting of the Chairman and 12 members, four elected by the Ward Commissioners, four by the other Commissioners and the remaining four appointed by the Government. There are also various committees and sub-committees. Subject, in specified cases, to the approval or sanction of the corporation, or of the general committee, as the case may be, the entire control of executive operations is vested in the Chairman. The corporation is given such powers as may be exercised by a deliberative assembly for instance the right of fixing the rates of taxation, while the general committee is entrusted with matters which cannot be exercised by the whole body or be left to the discretion of the Chairman alone. Under the new arrangements Calcutta has made vast progress in various directions but a lack of popular enthusiasm

*Statement of Moral and Material Progress in India, for 1891-92.

and interest in municipal matters is a subject of constant complaint. The financial position of the corporation is, however, satisfactory, its revenue amounting to something like a crore of rupees.

Bombay city has the distinction of having been the subject of the first effective experiment in government by election in India and of having the most prosperous and successful municipal corporation in the country to manage its local affairs. Like the rest of the presidency corporations, the municipality was established by Acts of the Government of India in 1856. It was remodelled by Acts of the local legislature till the main features of its present constitution were given to it by the Act of 1872 which was taken as a model for the Calcutta Municipal Act of 1876. Upto the year 1872 the affairs of the city were controlled by a Commissioner and a bench of justices, the Commissioner having, under the Government, almost uncontrolled power over the finances. But in that year the city received a constitution providing two representative bodies, one within the other, the Corporation and the Town Council. The Corporation was composed of 64 Commissioners and the Town Council of 12. The members of the two bodies were partly elected by the rate payers and partly nominated by the Government, the Chairman of the Corporation being elected by the Commissioners. This constitution was altered (in certain respects) by the Act of 1888, but the main features remained unchanged. The Act was further amended by the City of Bombay Police Charges Act of 1907, and the Corporation was relieved of the charges on account of the city police. It, however, incurred responsibility for primary education, medical relief, and vaccination. As at present constituted, the Bombay Corporation consists of 72 councillors of whom 36 are elected by wards, 16 by the Justices of the Peace, 2 by the fellows of the University and 2 by the Bombay Chamber of Commerce, the remaining 16 being nominated by Govern-

and interest in municipal matters is a subject of constant complaint. The financial position of the corporation is, however, satisfactory, its revenue amounting to something like a crore of rupees.

Bombay city has the distinction of having been the subject of the first effective experiment in government by election in India and of having the most prosperous and successful municipal corporation in the country to manage its local affairs. Like the rest of the presidency corporations, the municipality was established by Acts of the Government of India in 1856. It was remodelled by Acts of the local legislature till the main features of its present constitution were given to it by the Act of 1872 which was taken as a model for the Calcutta Municipal Act of 1876. Upto the year 1872 the affairs of the city were controlled by a Commissioner and a bench of justices, the Commissioner having, under the Government, almost uncontrolled power over the finances. But in that year the city received a constitution providing two representative bodies, one within the other, the Corporation and the Town Council. The Corporation was composed of 64 Commissioners and the Town Council of 12. The members of the two bodies were partly elected by the rate payers and partly nominated by the Government, the Chairman of the Corporation being elected by the Commissioners. This constitution was altered (in certain respects) by the Act of 1888, but the main features remained unchanged. The Act was further amended by the City of Bombay Police Charges Act of 1907, and the Corporation was relieved of the charges on account of the city police. It, however, incurred responsibility for primary education, medical relief, and vaccination. As at present constituted, the Bombay Corporation consists of 72 councillors of whom 36 are elected by wards, 16 by the Justices of the Peace, 2 by the fellows of the University and 2 by the Bombay Chamber of Commerce, the remaining 16 being nominated by Govern-

ment. The general municipal government is vested in the Corporation while the ordinary business is transacted by a Standing Committee of 12 councillors, 8 appointed by the Corporation and 4 by Government. The President of the Corporation is elected by the councillors, but is not, like the Chairman of the Calcutta Corporation, an executive officer. The entire executive power vests in the Municipal Commissioner subject in certain cases to the approval or sanction of the Corporation or its committees. The Commissioner is usually a member of the Indian Civil Service and is appointed by Government, who may remove him if a proposition to that effect is supported by 45 votes in the Corporation. The finances of the Corporation are in a most flourishing condition, its revenue amounting to nearly a crore and a quarter of rupees. That body has earned the richly-merited reputation of being a model municipal institution in India, and the citizens of Bombay have always evinced an admirable public spirit and ability in the conduct of administration. The incidence of municipal taxation per head of population was Rs. 10-9 in 1911-12 whereas in Calcutta in the same year, it was Rs. 9-6.

The Madras Municipality was remodelled by the local Legislature in 1867, 1878 and 1884. It was not until 1878 that the elective principle was introduced into the municipal government of Madras City. Under the Act of 1867 the Corporation consisted of 32 Commissioners appointed by the Government; and a president, also appointed by the Government, held all executive powers. In 1878 no change was made in numbers, except that two vice-presidents were added to look after the collection of revenue and the sanitary and public works administration. Sixteen of the Commissioners were, however, to be elected by rate payers. This number was increased to 24 by the Act of 1884. In 1892 the two vice-presidents were abolished, their places being taken up by salaried officers. By the new Municipal Act

ment. The general municipal government is vested in the Corporation while the ordinary business is transacted by a Standing Committee of 12 councillors, 8 appointed by the Corporation and 4 by Government. The President of the Corporation is elected by the councillors, but is not, like the Chairman of the Calcutta Corporation, an executive officer. The entire executive power vests in the Municipal Commissioner subject in certain cases to the approval or sanction of the Corporation or its committees. The Commissioner is usually a member of the Indian Civil Service and is appointed by Government, who may remove him if a proposition to that effect is supported by 45 votes in the Corporation. The finances of the Corporation are in a most flourishing condition, its revenue amounting to nearly a crore and a quarter of rupees. That body has earned the richly-merited reputation of being a model municipal institution in India, and the citizens of Bombay have always evinced an admirable public spirit and ability in the conduct of administration. The incidence of municipal taxation per head of population was Rs. 10-9 in 1911-12 whereas in Calcutta in the same year, it was Rs. 9-6.

The Madras Municipality was remodelled by the local Legislature in 1867, 1878 and 1884. It was not until 1878 that the elective principle was introduced into the municipal government of Madras City. Under the Act of 1867 the Corporation consisted of 32 Commissioners appointed by the Government; and a president, also appointed by the Government, held all executive powers. In 1878 no change was made in numbers, except that two vice-presidents were added to look after the collection of revenue and the sanitary and public works administration. Sixteen of the Commissioners were, however, to be elected by rate payers. This number was increased to 24 by the Act of 1884. In 1892 the two vice-presidents were abolished, their places being taken up by salaried officers. By the new Municipal Act

of 1904 the number of the Municipal Commissioners was raised to 36 and the body was styled Corporation. Of the Commissioners, 20 are elected the rest being nominated by Government and certain bodies connected with commerce and trade, the Madras Chamber of Commerce and the Madras Trades association appointing three each. The President is appointed by the Local Government and is invested with executive authority. He may be removed by Government on a vote of 28 Commissioners. There is a standing committee consisting of the President and eight Commissioners, which is concerned mainly with financial and building questions. The President is usually a member of the Indian Civil Service. The peculiarity of the Madras Corporation is that the control of the Local Government over it is far more stringent than in the other Presidency towns. Its budget and any deviation therefrom, require Government sanction as does also the levy of municipal taxes. Various sections of the Municipal Act give the Local Government control in regard to different matters. The Decentralization Commission, therefore, recommended that 'all the Presidency Corporations should have as full powers as Bombay now possesses' and preferred the Bombay system of a nominated official Commissioner with an elected Chairman of the Corporation to that of a nominated official Chairman obtaining in Madras. 'The Bombay method, while keeping the executive power in the hands of an experienced official, provides a dignified post as a reward for, and incentive to, public spirit and interest in municipal affairs. The revenue of the Madras Corporation is small compared to that of Bombay and Calcutta, amounting to about Rs. 30 lakhs and the incidence of taxation per head is Rs. 3-4.

The establishment of Boards for dealing with local affairs in rural areas is compared with the municipalities, a recent development. They owe their origin and progress to the policy, already referred to, initiated by Lord

The following information is for the purpose of providing a general overview of the project and is not intended to be a substitute for a detailed project plan or other project management documents. The information is provided for your information and is not intended to be a substitute for a detailed project plan or other project management documents. The information is provided for your information and is not intended to be a substitute for a detailed project plan or other project management documents.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

of 1904 the number of the Municipal Commissioners was raised to 36 and the body was styled Corporation. Of the Commissioners, 20 are elected the rest being nominated by Government and certain bodies connected with commerce and trade, the Madras Chamber of Commerce and the Madras Trades association appointing three each. The President is appointed by the Local Government and is invested with executive authority. He may be removed by Government on a vote of 28 Commissioners. There is a standing committee consisting of the President and eight Commissioners, which is concerned mainly with financial and building questions. The President is usually a member of the Indian Civil Service. The peculiarity of the Madras Corporation is that the control of the Local Government over it is far more stringent than in the other Presidency towns. Its budget and any deviation therefrom, require Government sanction as does also the levy of municipal taxes. Various sections of the Municipal Act give the Local Government control in regard to different matters. The Decentralization Commission, therefore, recommended that 'all the Presidency Corporations should have as full powers as Bombay now possesses' and preferred the Bombay system of a nominated official Commissioner with an elected Chairman of the Corporation to that of a nominated official Chairman obtaining in Madras. 'The Bombay method, while keeping the executive power in the hands of an experienced official, provides a dignified post as a reward for, and incentive to, public spirit and interest in municipal affairs. The revenue of the Madras Corporation is small compared to that of Bombay and Calcutta, amounting to about Rs. 30 lakhs and the incidence of taxation per head is Rs. 3-4.

The establishment of Boards for dealing with local affairs in rural areas is compared with the municipalities, a recent development. They owe their origin and progress to the policy, already referred to, initiated by Lord

Mayo and Lord Ripon in 1871 and 1882 respectively. Before 1870, there was no organized attempt to introduce rural self-government though, outside the municipalities, funds, partly voluntary and partly due to official initiative, had been established for local improvements or for the development of education ; and in Madras, Bombay and Sind, local cess funds controlled by Government officials, had come into existence between 1865 and 1869. Great encouragement was given to local self-government, as we have shown before, by the financial decentralization scheme of Lord Mayo and the Resolution of 1882 of Lord Ripon's Government. Before the whole system was reorganized by the latter, local bodies had come into existence in the various provinces, Acts having been passed for the levy of rates and the constitution of these bodies. The main lines of the scheme, which that Government laid down, were, "firstly, that a network of Local Boards should be formed in country areas, in addition to the Municipal Committees, the area included under each board being so small as to ensure local knowledge and interest on the part of each of the members. Secondly, that all the Local Boards, urban or rural, should, everywhere, have a preponderance of non-official members ; thirdly, that the members should be chosen by election whenever it was, in the opinion of the Local Government, practicable to adopt such a plan ; fourthly, that there should be a district board of some kind which should meet periodically to settle matters such as the rate of the land cess, in which the smaller boards have a common interest ; fifthly, as to the necessary Government control, they considered that it should be exercised rather from without than from within, and that the Chairmen of the Local Boards should, as a rule, and whenever practicable, be non-official persons."* These principles were adopted, with the necessary variations to correspond to

*Statement of Moral and Material Progress, 1901-02.

Mayo and Lord Ripon in 1871 and 1882 respectively. Before 1870, there was no organized attempt to introduce rural self-government though, outside the municipalities, funds, partly voluntary and partly due to official initiative, had been established for local improvements or for the development of education ; and in Madras, Bombay and Sind, local cess funds controlled by Government officials, had come into existence between 1865 and 1869. Great encouragement was given to local self-government, as we have shown before, by the financial decentralization scheme of Lord Mayo and the Resolution of 1882 of Lord Ripon's Government. Before the whole system was reorganized by the latter, local bodies had come into existence in the various provinces, Acts having been passed for the levy of rates and the constitution of these bodies. The main lines of the scheme, which that Government laid down, were, "firstly, that a network of Local Boards should be formed in country areas, in addition to the Municipal Committees, the area included under each board being so small as to ensure local knowledge and interest on the part of each of the members. Secondly, that all the Local Boards, urban or rural, should, everywhere, have a preponderance of non-official members ; thirdly, that the members should be chosen by election whenever it was, in the opinion of the Local Government, practicable to adopt such a plan ; fourthly, that there should be a district board of some kind which should meet periodically to settle matters such as the rate of the land cess, in which the smaller boards have a common interest ; fifthly, as to the necessary Government control, they considered that it should be exercised rather from without than from within, and that the Chairmen of the Local Boards should, as a rule, and whenever practicable, be non-official persons."* These principles were adopted, with the necessary variations to correspond to

*Statement of Moral and Material Progress, 1901-02.

local conditions, by Acts passed in 1883 or 1884 relating to the district municipalities and local boards in each province. As conditions were not uniform throughout the country, one general system could not be imposed upon all provinces alike and large discretion was allowed to Local Governments. Thus the systems of rural Local Government in the various provinces differ widely from one another.

The rural organization in Madras approximates very closely the model set forth in the original orders of the Government of India. The primary unit in that province consists of important villages and groups of villages constituted as 'Unions', each of which is controlled by a 'panchayat'. The proceeds of a light tax on houses are handed over to them and are spent by them mainly on sanitation. Above these unions stand the Taluka Boards, the jurisdictional unit for which is the revenue subdivision of the district. At the top comes the District Board with general control over the local administration of the whole district. There are only two classes of Boards in Bombay, the District Boards and the Taluka Boards. In Bengal, the Punjab and the N. W. Frontier Province, each district must have under the law, a District Board, but the establishment of subordinate Local Boards is left to the discretion of the Local Government. In the United Provinces subdivisional boards have been abolished as useless while the system in the Central Provinces resembles that of Madras. Assam has no District Boards but has only independent subdivisional boards. There are neither district nor subdistrict boards in Burma and Baluchistan. 'The main normal functions of the rural boards are the maintenance and improvement of roads and other communications, education, especially in its primary stages and the upkeep of medical institutions, vaccination, sanitation, veterinary work, the construction and maintenance of markets and rest houses and the charge of pounds and ferries. They may also be

local conditions, by Acts passed in 1883 or 1884 relating to the district municipalities and local boards in each province. As conditions were not uniform throughout the country, one general system could not be imposed upon all provinces alike and large discretion was allowed to Local Governments. Thus the systems of rural Local Government in the various provinces differ widely from one another.

The rural organization in Madras approximates very closely the model set forth in the original orders of the Government of India. The primary unit in that province consists of important villages and groups of villages constituted as 'Unions', each of which is controlled by a 'panchayat'. The proceeds of a light tax on houses are handed over to them and are spent by them mainly on sanitation. Above these unions stand the Taluka Boards, the jurisdictional unit for which is the revenue subdivision of the district. At the top comes the District Board with general control over the local administration of the whole district. There are only two classes of Boards in Bombay, the District Boards and the Taluka Boards. In Bengal, the Punjab and the N. W. Frontier Province, each district must have under the law, a District Board, but the establishment of subordinate Local Boards is left to the discretion of the Local Government. In the United Provinces subdivisional boards have been abolished as useless while the system in the Central Provinces resembles that of Madras. Assam has no District Boards but has only independent subdivisional boards. There are neither district nor subdistrict boards in Burma and Baluchistan. 'The main normal functions of the rural boards are the maintenance and improvement of roads and other communications, education, especially in its primary stages and the upkeep of medical institutions, vaccination, sanitation, veterinary work, the construction and maintenance of markets and rest houses and the charge of pounds and ferries. They may also be

called upon to devote their funds to famine relief and to cope with plague and other special epidemics.' Excepting the N. W. Frontier Province, there is a considerable proportion of elected members on the District and Local Boards and it varies from province to province. Of course the principle of representation is less developed in the case of these bodies than that of the municipalities. An idea of the constitution of the District and Local Boards may be obtained from the following *table:—

| | Area within Rural Board Limits. | Population. | Number of Boards * | Total Number of Members. | By Apportionment. | | | By Employment | | By Race. | |
|------------------------|---------------------------------|--------------|--------------------|--------------------------|-------------------|--------------|--------------|---------------|----------------|------------------------------|--------------|
| | | | | | Ex-officio. | Nominated. | Elected. | Officials. | Non-officials. | Europeans and Anglo-Indians. | Indians. |
| Bengal | Sq. Miles
67,900 | 4,22,09,523 | { 25
71 | 509
843 | 133
49 | 166
437 | 210
357 | 158
100 | 351
743 | 92
38 | 417
805 |
| Bihar and Orissa | 71,875 | 3,17,13,266 | { 18
40 | 391
489 | 107
53 | 135
380 | 149
56 | 128
76 | 263
413 | 142
71 | 249
418 |
| Assam | 32,762 | 59,17,407 | { 19 | 316 | 76 | 64 | 176 | 80 | 236 | 133 | 183 |
| United Provinces | 1,07,050 | 4,71,82,044 | { 48
19 | 893
1117 | 3
246 | 271
479 | 619
392 | 247
254 | 646
858 | 92
76 | 801
1041 |
| Punjab | 90,151 | 1,76,62,389 | { 17 | 313 | 18 | 107 | 188 | 18 | 295 | 1 | 312 |
| N. W. F. Province | 13,214 | 19,07,727 | { 5 | 218 | 51 | 167 | ... | 51 | 167 | 25 | 193 |
| C. P. and Berar | 83,223 | 1,25,52,652 | { 21
79 | 517
1333 | 10
27 | 130
357 | 377
949 | 72
143 | 445
1100 | 16
7 | 501
1326 |
| Madras | 1,32,544 | 3,90,04,860 | { 25
95 | 765
1484 | 124
97 | 282
989 | 359
318 | 268
403 | 428
1081 | 129
74 | 567
1330 |
| Bombay | 1,22,791 | 1,79,27,582 | { 25
212 | 544
3037 | 113
439 | 189
1278 | 242
1370 | 135
605 | 409
2482 | 67
130 | 477
2957 |
| Coorg | 1,583 | 1,74,976 | { 1 | 18 | 7 | 9 | 2 | 12 | 6 | 7 | 11 |
| Ajmer-Merwara | not stated | 3,66,204 | { 1 | 41 | 16 | 9 | 16 | 10 | 31 | 4 | 37 |
| Total of above figures | 7,23,093 | 21,66,18,630 | { 198
533 | 5013
7865 | 810
759 | 1836
3512 | 2366
3414 | 1340
1425 | 3604
6440 | 650
454 | 4294
7331 |

* Besides 393 Union Committees or Panchayats (with 3749 members of whom only 43 were Europeans) in Madras 56 in Bengal, and 5 in Bihar and Orissa.

* Statement of Moral and Material Progress, 1911-12.

called upon to devote their funds to famine relief and to cope with plague and other special epidemics.' Excepting the N. W. Frontier Province, there is a considerable proportion of elected members on the District and Local Boards and it varies from province to province. Of course the principle of representation is less developed in the case of these bodies than that of the municipalities. An idea of the constitution of the District and Local Boards may be obtained from the following *table:—

| | Area within Rural Board Limits. | Population. | Number of Boards * | Total Number of Members. | By Apportionment. | | | By Employment | | By Race. | |
|------------------------|---------------------------------|--------------|--------------------|--------------------------|-------------------|--------------|--------------|---------------|----------------|------------------------------|--------------|
| | | | | | Ex-officio. | Nominated. | Elected. | Officials. | Non-officials. | Europeans and Anglo-Indians. | Indians. |
| Bengal | Sq. Miles
67,900 | 4,22,09,523 | { 25
71 | 509
843 | 133
49 | 166
437 | 210
357 | 158
100 | 351
743 | 92
38 | 417
805 |
| Bihar and Orissa | 71,875 | 3,17,13,266 | { 18
40 | 391
489 | 107
53 | 135
380 | 149
56 | 128
76 | 263
413 | 142
71 | 249
418 |
| Assam | 32,762 | 59,17,407 | { 19 | 316 | 76 | 64 | 176 | 80 | 236 | 133 | 183 |
| United Provinces | 1,07,050 | 4,71,82,044 | { 48
19 | 893
1117 | 3
246 | 271
479 | 619
392 | 247
254 | 646
858 | 92
76 | 801
1041 |
| Punjab | 90,151 | 1,76,62,389 | { 17 | 313 | 18 | 107 | 188 | 18 | 295 | 1 | 312 |
| N. W. F. Province | 13,214 | 19,07,727 | { 5 | 218 | 51 | 167 | ... | 51 | 167 | 25 | 193 |
| C. P. and Berar | 83,223 | 1,25,52,652 | { 21
79 | 517
1333 | 10
27 | 130
357 | 377
949 | 72
143 | 445
1190 | 16
7 | 501
1326 |
| Madras | 1,32,544 | 3,90,04,860 | { 25
95 | 765
1484 | 124
97 | 282
989 | 359
318 | 268
403 | 428
1081 | 129
74 | 567
1330 |
| Bombay | 1,22,791 | 1,79,27,582 | { 25
212 | 544
3037 | 113
439 | 189
1278 | 242
1370 | 135
605 | 409
2482 | 67
130 | 477
2957 |
| Coorg | 1,583 | 1,74,976 | { 1 | 18 | 7 | 9 | 2 | 12 | 6 | 7 | 11 |
| Ajmer-Merwara | not stated | 3,66,204 | { 1 | 41 | 16 | 9 | 16 | 10 | 31 | 4 | 37 |
| Total of above figures | 7,23,093 | 21,66,18,630 | { 198
533 | 5013
7865 | 810
759 | 1836
3512 | 2366
3414 | 1340
1425 | 3604
6440 | 650
454 | 4294
7331 |

* Besides 393 Union Committees or Panchayats (with 3749 members of whom only 43 were Europeans) in Madras 56 in Bengal, and 5 in Bihar and Orissa.

* Statement of Moral and Material Progress, 1911-12.

All the above figures, excepting those for Madras, are for the year 1911-12, the figures given in italics are for Local or sub-District Boards. Whether the Chairman of the District Board shall be elected nor nominated has been left to the discretion of the Local Government. Except in the Central Provinces where the President is elected and is usually a non-official, the Collector is as a general rule, appointed President of the District Board. Sub-District Boards have very limited powers and resources and they are practically subordinate Committees or agencies of the District Boards except in Madras where they enjoy an amount of independence in certain respects. The Decentralization Commission endorsed the principle laid down in the Resolution of Lord Ripon's Government, holding that there should be a large preponderance of non-official members on the rural boards. They thought that the nominated element in a sub-District Board should not exceed the strength sufficient to secure the due representation of minorities and official experience and that the District Board also should contain an elective majority ; in other words, that the proportion of official and nominated members should be substantially diminished. Though the Commission thought that a larger measure of independence and power ought to be given to the Boards, they considered it desirable, for various reasons, that the Collector should remain President of the District Board and that the sub-District Boards should be presided over by the Sub-divisional officer or the Tahsildar. The want of success of the existing system of local self-government the Commission attributed to two reasons:—First that the Boards and especially the sub-District Boards, have hitherto not possessed real powers and responsibilities, owing to want of funds and excessive control. Secondly, that the methods of election adopted, have not, generally speaking, provided for the due representation of minorities, or met the apparently genuine reluctance of large land-owners, and other persons of

All the above figures, excepting those for Madras, are for the year 1911-12, the figures given in italics are for Local or sub-District Boards. Whether the Chairman of the District Board shall be elected nor nominated has been left to the discretion of the Local Government. Except in the Central Provinces where the President is elected and is usually a non-official, the Collector is as a general rule, appointed President of the District Board. Sub-District Boards have very limited powers and resources and they are practically subordinate Committees or agencies of the District Boards except in Madras where they enjoy an amount of independence in certain respects. The Decentralization Commission endorsed the principle laid down in the Resolution of Lord Ripon's Government, holding that there should be a large preponderance of non-official members on the rural boards. They thought that the nominated element in a sub-District Board should not exceed the strength sufficient to secure the due representation of minorities and official experience and that the District Board also should contain an elective majority ; in other words, that the proportion of official and nominated members should be substantially diminished. Though the Commission thought that a larger measure of independence and power ought to be given to the Boards, they considered it desirable, for various reasons, that the Collector should remain President of the District Board and that the sub-District Boards should be presided over by the Sub-divisional officer or the Tahsildar. The want of success of the existing system of local self-government the Commission attributed to two reasons :—First that the Boards and especially the sub-District Boards, have hitherto not possessed real powers and responsibilities, owing to want of funds and excessive control. Secondly, that the methods of election adopted, have not, generally speaking, provided for the due representation of minorities, or met the apparently genuine reluctance of large land-owners, and other persons of

high social position, to submit themselves to the vote of an ordinary - territorial constituency. The institution of village panchayats, they thought, would furnish an electorate which should not be overlooked by the Local Governments in dealing with the methods by which a more effectual elective representation on the sub-District Boards can proceed. The late Mr. R. C. Dutt, a member of the Commission, dissented from this view and stated that the want of success of the present system was largely due to the executive power being centralized in the Collector-president and not to any defects in the system of election. He was opposed, on principle, to the introduction of separate election by castes and creeds. The greater part of the income of the rural Boards is derived from a cess which they are empowered to levy on the land, and which usually does not exceed one anna in the rupee on the annual rent value or, in rayatwari provinces, the Government assessment. Government collects the cess along with its own revenue and makes special contributions to the income of the Boards. Other grants are likewise made for various purposes. Other sources of revenue are pounds and ferries and, in Madras, road tolls. Sub-District Boards have no independent sources of revenue and get allotments from the District Boards. The total receipts of the rural Boards in all the provinces together exceeded, in 1911-12, five crores of rupees, nearly half of which were spent on public works.

A passing reference may here be made to what are called the Port Trusts, to whom are entrusted the custody of the harbours and the administration of harbour and shore affairs in the more important ports of India though these bodies do not really come within the purview of this chapter. They are charged with the provision of suitable dock accommodation and other necessary services to shipping. Members of these Port Trusts are, for the most part, appointed by the Local Governments, and are usually

high social position, to submit themselves to the vote of an ordinary territorial constituency. The institution of village panchayats, they thought, would furnish an electorate which should not be overlooked by the Local Governments in dealing with the methods by which a more effectual elective representation on the sub-District Boards can proceed. The late Mr. R. C. Dutt, a member of the Commission, dissented from this view and stated that the want of success of the present system was largely due to the executive power being centralized in the Collector-president and not to any defects in the system of election. He was opposed, on principle, to the introduction of separate election by castes and creeds. The greater part of the income of the rural Boards is derived from a cess which they are empowered to levy on the land, and which usually does not exceed one anna in the rupee on the annual rent value or, in rayatwari provinces, the Government assessment. Government collects the cess along with its own revenue and makes special contributions to the income of the Boards. Other grants are likewise made for various purposes. Other sources of revenue are pounds and ferries and, in Madras, road tolls. Sub-District Boards have no independent sources of revenue and get allotments from the District Boards. The total receipts of the rural Boards in all the provinces together exceeded, in 1911-12, five crores of rupees, nearly half of which were spent on public works.

A passing reference may here be made to what are called the Port Trusts, to whom are entrusted the custody of the harbours and the administration of harbour and shore affairs in the more important ports of India though these bodies do not really come within the purview of this chapter. They are charged with the provision of suitable dock accommodation and other necessary services to shipping. Members of these Port Trusts are, for the most part, appointed by the Local Governments, and are usually

representative of the various commercial interests of the place. The Chairmen of all the Boards are appointed by Government as are all Commissioners at Aden. In Calcutta and Karachi, the Municipality is also represented. Except in Calcutta, the elected members are in a small minority and at all the ports the large majority of members are Europeans. One peculiarity of these Trusts that has been noted is that their Commissioners 'are the only members of local public bodies who receive a small fee for each attendance at meetings for business'. The revenues of the Trusts are chiefly derived from dues on shipping and goods, and from fees for services rendered. They are empowered to raise large loans to meet capital expenditure. The control of Government over these bodies is wider than that exercised over Municipalities. There are seven Port Trusts, those at Calcutta, Bombay, Madras, Karachi, Rangoon, Chittagong and Aden. Their total income comes nearly to Rs. 3½ crores, and their capital debt at the end of 1911-12 exceeded Rs. 25 crores.

representative of the various commercial interests of the place. The Chairmen of all the Boards are appointed by Government as are all Commissioners at Aden. In Calcutta and Karachi, the Municipality is also represented. Except in Calcutta, the elected members are in a small minority and at all the ports the large majority of members are Europeans. One peculiarity of these Trusts that has been noted is that their Commissioners 'are the only members of local public bodies who receive a small fee for each attendance at meetings for business'. The revenues of the Trusts are chiefly derived from dues on shipping and goods, and from fees for services rendered. They are empowered to raise large loans to meet capital expenditure. The control of Government over these bodies is wider than that exercised over Municipalities. There are seven Port Trusts, those at Calcutta, Bombay, Madras, Karachi, Rangoon, Chittagong and Aden. Their total income comes nearly to Rs. 3½ crores, and their capital debt at the end of 1911-12 exceeded Rs. 25 crores.

CHAPTER VIII.

—o—

FINANCE.

INDIA'S status as a dependency does not, as may perhaps, be supposed, entail upon her any tribute as such to the Imperial Government, nor are the revenues of Great Britain directly expended in India or particularly for her sake. Section 2 of the Government of India Act, 1858, declares:— 'And all the territorial and other revenues of or arising in India and all tributes and other payments in respect of any territories which would have been receivable by or in the name of the said Company if this Act had not been passed shall be received for and in the name of Her Majesty, and shall be applied and disposed of for the purposes of the Government of India alone, subject to the provisions of this Act.' The same Act subjected the expenditure of the revenues of India to the control of Secretary of State for Indian-in-Council by section 41 which runs thus:— 'The expenditure of the revenues of India, both in India and elsewhere, shall be subject to the control of the Secretary of State-in-Council; and no grant or appropriation of any part of such revenues, or of any other property coming into the possession of the Secretary of State-in-Council by virtue of this Act shall be made without the concurrence of a majority of votes at a meeting of the Council'. The absolute financial power which has thus been concentrated in the hands of the Secretary of State could not, in practice, be exercised without inconvenience or detriment to the good and efficient administration of this country and therefore considerable discretion had to be allowed to the Government of India which can, within strictly defined limits, sanction fresh expenditure and create new offices of minor

CHAPTER VIII.

—o—

FINANCE.

INDIA'S status as a dependency does not, as may perhaps, be supposed, entail upon her any tribute as such to the Imperial Government, nor are the revenues of Great Britain directly expended in India or particularly for her sake. Section 2 of the Government of India Act, 1858, declares:— 'And all the territorial and other revenues of or arising in India and all tributes and other payments in respect of any territories which would have been receivable by or in the name of the said Company if this Act had not been passed shall be received for and in the name of Her Majesty, and shall be applied and disposed of for the purposes of the Government of India alone, subject to the provisions of this Act.' The same Act subjected the expenditure of the revenues of India to the control of Secretary of State for Indian-in-Council by section 41 which runs thus:—'The expenditure of the revenues of India, both in India and elsewhere, shall be subject to the control of the Secretary of State-in-Council; and no grant or appropriation of any part of such revenues, or of any other property coming into the possession of the Secretary of State-in-Council by virtue of this Act shall be made without the concurrence of a majority of votes at a meeting of the Council'. The absolute financial power which has thus been concentrated in the hands of the Secretary of State could not, in practice, be exercised without inconvenience or detriment to the good and efficient administration of this country and therefore considerable discretion had to be allowed to the Government of India which can, within strictly defined limits, sanction fresh expenditure and create new offices of minor

1000

| Age Group | Percentage of Respondents |
|-----------|---------------------------|
| 18-29 | 85% |
| 30-49 | 80% |
| 50-69 | 75% |
| 70+ | 70% |

[illegible]

importance. Besides these two authorities possessing financial power given to them by Statute, there are the Provincial Governments whose power in this behalf is extremely small and conferred upon them by the Government of India in accordance with the financial arrangements made with them from time to time. The financial powers of Municipalities and Local Boards are derived from the Indian legislatures. The revenue and expenditure of the last-mentioned bodies are, however, now kept separate from the general finances of the central Government. "It will thus be seen that there are three distinct spending authorities in respect of the same revenues. The Secretary of State is directly responsible for charges in connection with the Government of India incurred in England and exercises control over the Government of India; the Government of India directly incurs the expenditure on the Imperial Services and controls the Provincial Governments; and the Provincial Governments are responsible for the charges on Provincial services and are controlled by the Government of India and the Secretary of State. But the taxes which feed this three-fold expenditure are imposed only by a single authority and they, together with the aggregate of the expenditure by all the three spending authorities under each head, are estimated for in one budget and exhibited in one account."*

Originally, the financial affairs of the three Presidencies were, in the main, kept separate until 1833 when by the Act of that year, the general control over the presidencies of Madras and Bombay was vested in the Governor General of Fort William in Bengal. The Governors of the presidencies were precluded by Statute from creating any new office or granting any salary or gratuity or allowance without the previous sanction of the Governor General. There was no regular system of finance and the confusion of the

* The Journal of the South Indian Association, April, 1912.

importance. Besides these two authorities possessing financial power given to them by Statute, there are the Provincial Governments whose power in this behalf is extremely small and conferred upon them by the Government of India in accordance with the financial arrangements made with them from time to time. The financial powers of Municipalities and Local Boards are derived from the Indian legislatures. The revenue and expenditure of the last-mentioned bodies are, however, now kept separate from the general finances of the central Government. "It will thus be seen that there are three distinct spending authorities in respect of the same revenues. The Secretary of State is directly responsible for charges in connection with the Government of India incurred in England and exercises control over the Government of India; the Government of India directly incurs the expenditure on the Imperial Services and controls the Provincial Governments; and the Provincial Governments are responsible for the charges on Provincial services and are controlled by the Government of India and the Secretary of State. But the taxes which feed this three-fold expenditure are imposed only by a single authority and they, together with the aggregate of the expenditure by all the three spending authorities under each head, are estimated for in one budget and exhibited in one account."*

Originally, the financial affairs of the three Presidencies were, in the main, kept separate until 1833 when by the Act of that year, the general control over the presidencies of Madras and Bombay was vested in the Governor General of Fort William in Bengal. The Governors of the presidencies were precluded by Statute from creating any new office or granting any salary or gratuity or allowance without the previous sanction of the Governor General. There was no regular system of finance and the confusion of the

* The Journal of the South Indian Association, April, 1912.

arrangements of the time of the East India Company was worse confounded by the financial embarrassment caused by the Mutiny. The need of rigorous economy and thorough organization of the finances was urgently felt and it was under these circumstances that Mr. James Wilson was made the first financial member of the Governor General's Council and entrusted with task of bringing order out of chaos. Under the system then introduced, until a radical change was made in 1871, the central Government retained in its own hands the entire control of finance and made grants of money at its discretion to meet the demands of the Local Governments. While collecting the greater part of the revenue merely as agents of the Supreme Government, the latter had no direct interest in the result of the collection since the whole revenue went to the common fund, managed by the central authority which controlled the smallest detail of every branch of the expenditure. This position of the subordinate Governments was most galling to them and the new system, though introduced with a view to strict economy, in fact, led to extravagance. The Provincial Governments did not feel a sense of responsibility. They were tempted to ask for more than they expected to get and expended every pie that they received when they could have managed with less. In submitting the budget for 1861-62 before the Supreme Council, Mr. Samuel Laing observed:—

“It has long been a standing complaint with other Presidencies and Provinces, that they were deprived of their fair share of self-government and kept in a state of galling and humiliating dependence on the *bureaux* of Calcutta. Well, sir, the power of the purse is the ultimate power, and as long as Local Governments are absolutely subservient to Calcutta in financial matters, it is evident that they can have no real independence. But if, without sacrificing in any way the unity of the Empire and Impe-

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making any necessary adjustments. The final step is to evaluate the results. This involves assessing the effectiveness of the solution and determining if any further action is needed.

arrangements of the time of the East India Company was worse confounded by the financial embarrassment caused by the Mutiny. The need of rigorous economy and thorough organization of the finances was urgently felt and it was under these circumstances that Mr. James Wilson was made the first financial member of the Governor General's Council and entrusted with task of bringing order out of chaos. Under the system then introduced, until a radical change was made in 1871, the central Government retained in its own hands the entire control of finance and made grants of money at its discretion to meet the demands of the Local Governments. While collecting the greater part of the revenue merely as agents of the Supreme Government, the latter had no direct interest in the result of the collection since the whole revenue went to the common fund, managed by the central authority which controlled the smallest detail of every branch of the expenditure. This position of the subordinate Governments was most galling to them and the new system, though introduced with a view to strict economy, in fact, led to extravagance. The Provincial Governments did not feel a sense of responsibility. They were tempted to ask for more than they expected to get and expended every pie that they received when they could have managed with less. In submitting the budget for 1861-62 before the Supreme Council, Mr. Samuel Laing observed:—

“It has long been a standing complaint with other Presidencies and Provinces, that they were deprived of their fair share of self-government and kept in a state of galling and humiliating dependence on the *bureaux* of Calcutta. Well, sir, the power of the purse is the ultimate power, and as long as Local Governments are absolutely subservient to Calcutta in financial matters, it is evident that they can have no real independence. But if, without sacrificing in any way the unity of the Empire and Impe-

rial control in Imperial matters, we give them local Budgets, their position is altered. We propose to give them not only powers of local taxation but possibly to credit them with a liberal share of reductions of expenditure, which they may be able to make on the estimates of the general Budget."

No steps were, however, taken to give effect to this scheme or the others that were subsequently put forth till at last in 1871, Lord Mayo, the Governor General, took the matter up in his own hands as part of a plan for restoring equilibrium to the Imperial finances which were in a shape of chronic deficit. The disorganized and wretched condition of the finances when Lord Mayo took the helm of affairs was this:—"The half century which preceded Lord Mayo's arrival in India had presented a long series of financial short-comings. Of the fifty-five years beginning with 1814-15 and ending with 1868-69, only sixteen had shown a surplus while 36 had been years of deficit. The total of the surplus amounted to about 12½ millions of sterling; the deficit exceeded 75½ millions of pounds. The period immediately preceding Lord Mayo's arrival was, if possible, even more discouraging. The last three years from 1866 to 1869 had left behind deficits aggregating 5¼ millions sterling. This was for ordinary expenditure alone. If we add the outlay on 'extraordinary' (or reproductive public works), the total excess of expenditure over revenue in the three years preceding Lord Mayo's first budget amounted to the vast sum of 11 millions sterling"* Lord Mayo not only attacked the immediate deficit of 2½ millions but took measures to reform the whole financial system and to place it on a sound footing for the future. The weak points in the system then in vogue have been indicated above. Lord Mayo perceived that the first condition prece-

* Lord Mayo in the Rulers of India Series.

Abstract

rial control in Imperial matters, we give them local Budgets, their position is altered. We propose to give them not only powers of local taxation but possibly to credit them with a liberal share of reductions of expenditure, which they may be able to make on the estimates of the general Budget."

No steps were, however, taken to give effect to this scheme or the others that were subsequently put forth till at last in 1871, Lord Mayo, the Governor General, took the matter up in his own hands as part of a plan for restoring equilibrium to the Imperial finances which were in a shape of chronic deficit. The disorganized and wretched condition of the finances when Lord Mayo took the helm of affairs was this :—"The half century which preceded Lord Mayo's arrival in India had presented a long series of financial short-comings. Of the fifty-five years beginning with 1814-15 and ending with 1868-69, only sixteen had shown a surplus while 36 had been years of deficit. The total of the surplus amounted to about 12½ millions of sterling ; the deficit exceeded 75½ millions of pounds. The period immediately preceding Lord Mayo's arrival was, if possible, even more discouraging. The last three years from 1866 to 1869 had left behind deficits aggregating 5½ millions sterling. This was for ordinary expenditure alone. If we add the outlay on 'extraordinary' (or reproductive public works), the total excess of expenditure over revenue in the three years preceding Lord Mayo's first budget amounted to the vast sum of 11 millions sterling"* Lord Mayo not only attacked the immediate deficit of 2½ millions but took measures to reform the whole financial system and to place it on a sound footing for the future. The weak points in the system then in vogue have been indicated above. Lord Mayo perceived that the first condition prece-

* Lord Mayo in the Rulers of India Series.

dent to any reform must be the creation of a sense of financial responsibility in the Local Governments. This object Lord Mayo sought to attain by making over to the Local Governments certain heads of expenditure, of which the more important were police, education, jails, medical services (except 'medical establishments'), roads, and civil buildings. To meet these charges, the departmental receipts under the corresponding heads were assigned to the Local Governments and also a fixed annual grant based upon an estimate of previous expenditure was to be made to them. Within the limits of that sum those Governments were allowed entire freedom as to the distribution of the expenditure, and any savings from one year were available to be spent in the next.

The next stage in the development of provincial finance is represented by the reforms introduced in the time of Lord Lytton when a material alteration was made in the terms of the financial settlements concluded with Provincial Governments. Under the new scheme further heads of expenditure including, in most provinces, land revenue, general administration and law and justice were transferred to provincial management. In addition to the allotment of a lump sum, the Imperial Government likewise transferred to the Provincial Governments the entire receipts under certain heads of revenue, reserving to itself only a share in the prospective increase. This arrangement was designed as an incentive to economy and was calculated to provide a margin, which might be increased by careful management, with which to meet growing expenditure. These settlements were subjected to revision every five years. They did not, however, prove satisfactory as the revenues assigned to the Local Governments were far from adequate to their growing needs and they did not feel interested in the development of the general revenues. When fresh settlements were made with the major provinces in

[illegible]

THE NEW YORK PUBLIC LIBRARY, ASTOR LENOX AND TILDEN FOUNDATIONS, 421 FIFTH AVENUE, NEW YORK, N. Y. 10018

dent to any reform must be the creation of a sense of financial responsibility in the Local Governments. This object Lord Mayo sought to attain by making over to the Local Governments certain heads of expenditure, of which the more important were police, education, jails, medical services (except 'medical establishments'), roads, and civil buildings. To meet these charges, the departmental receipts under the corresponding heads were assigned to the Local Governments and also a fixed annual grant based upon an estimate of previous expenditure was to be made to them. Within the limits of that sum those Governments were allowed entire freedom as to the distribution of the expenditure, and any savings from one year were available to be spent in the next.

The next stage in the development of provincial finance is represented by the reforms introduced in the time of Lord Lytton when a material alteration was made in the terms of the financial settlements concluded with Provincial Governments. Under the new scheme further heads of expenditure including, in most provinces, land revenue, general administration and law and justice were transferred to provincial management. In addition to the allotment of a lump sum, the Imperial Government likewise transferred to the Provincial Governments the entire receipts under certain heads of revenue, reserving to itself only a share in the prospective increase. This arrangement was designed as an incentive to economy and was calculated to provide a margin, which might be increased by careful management, with which to meet growing expenditure. These settlements were subjected to revision every five years. They did not, however, prove satisfactory as the revenues assigned to the Local Governments were far from adequate to their growing needs and they did not feel interested in the development of the general revenues. When fresh settlements were made with the major provinces in

1882, a still larger proportion of the main heads of revenue was transferred to Local Governments. Certain heads such as opium, salt and customs remained wholly imperial; others such as forests, excise, stamps were equally divided while the remaining were entirely provincialized. But as the expenditure which the Local Governments had to incur exceeded their revenue, the difference was made up not by the allotment of a lump sum, but by a fixed percentage on the land revenue of each province. This arrangement too, like the previous one, suffered from serious drawbacks. At the end of every quinquennial period there was wrangling between the Supreme Government and the Provincial Governments and the latter were tempted, with a view to making a better contract, during the closing years of each settlement, to incur hasty and wasteful expenditure. The contract system was, therefore, replaced by the quasi-permanent settlement of 1904, under which the revenues assigned to Local Governments were definitely fixed and were not subject to periodical revision as before. The power of revision reserved by the Supreme Government was to be exercised only in the case of grave imperial necessity or in the event of experience proving the assignment made to have been materially disproportionate to normal provincial requirements.

The quasi-permanent settlements were converted, in 1911, into what have been called 'permanent settlements.' Subject to special emergencies when the two parties might be compelled to look to each other for temporary assistance, the new arrangements, it was declared, were to be rigid and permanent. Local Governments were to be particularly careful about their balances and the husbanding of their resources, though they could share any surpluses the Government of India might have to distribute among them. During the last few years of these permanent settlements the Imperial treasury has been overflowing and the Gov-

1882, a still larger proportion of the main heads of revenue was transferred to Local Governments. Certain heads such as opium, salt and customs remained wholly imperial; others such as forests, excise, stamps were equally divided while the remaining were entirely provincialized. But as the expenditure which the Local Governments had to incur exceeded their revenue, the difference was made up not by the allotment of a lump sum, but by a fixed percentage on the land revenue of each province. This arrangement too, like the previous one, suffered from serious drawbacks. At the end of every quinquennial period there was wrangling between the Supreme Government and the Provincial Governments and the latter were tempted, with a view to making a better contract, during the closing years of each settlement, to incur hasty and wasteful expenditure. The contract system was, therefore, replaced by the quasi-permanent settlement of 1904, under which the revenues assigned to Local Governments were definitely fixed and were not subject to periodical revision as before. The power of revision reserved by the Supreme Government was to be exercised only in the case of grave imperial necessity or in the event of experience proving the assignment made to have been materially disproportionate to normal provincial requirements.

The quasi-permanent settlements were converted, in 1911, into what have been called 'permanent settlements.' Subject to special emergencies when the two parties might be compelled to look to each other for temporary assistance, the new arrangements, it was declared, were to be rigid and permanent. Local Governments were to be particularly careful about their balances and the husbanding of their resources, though they could share any surpluses the Government of India might have to distribute among them. During the last few years of these permanent settlements the Imperial treasury has been overflowing and the Gov-

The book is a collection of essays, some of which are written by the author, and some by other scholars. The essays are arranged in two parts. The first part, 'The History of the Church in the Middle Ages', contains five essays. The second part, 'The Church in the Modern World', contains four essays. The essays are written in a clear and concise style, and are well organized. The book is a valuable resource for anyone interested in the history of the Church in the Middle Ages and the modern world.

The first part of the book, 'The History of the Church in the Middle Ages', contains five essays. The first essay, 'The Church in the Middle Ages: A General Survey', by the author, provides a general overview of the history of the Church in the Middle Ages. The second essay, 'The Church in the Middle Ages: A Study of the Papacy', by the author, provides a study of the papacy in the Middle Ages. The third essay, 'The Church in the Middle Ages: A Study of the Monasteries', by the author, provides a study of the monasteries in the Middle Ages. The fourth essay, 'The Church in the Middle Ages: A Study of the Bishops', by the author, provides a study of the bishops in the Middle Ages. The fifth essay, 'The Church in the Middle Ages: A Study of the Clergy', by the author, provides a study of the clergy in the Middle Ages.

The second part of the book, 'The Church in the Modern World', contains four essays. The first essay, 'The Church in the Modern World: A General Survey', by the author, provides a general overview of the history of the Church in the modern world. The second essay, 'The Church in the Modern World: A Study of the Papacy', by the author, provides a study of the papacy in the modern world. The third essay, 'The Church in the Modern World: A Study of the Monasteries', by the author, provides a study of the monasteries in the modern world. The fourth essay, 'The Church in the Modern World: A Study of the Bishops', by the author, provides a study of the bishops in the modern world.

The book is a valuable resource for anyone interested in the history of the Church in the Middle Ages and the modern world. It is well organized, and the essays are written in a clear and concise style. The book is a valuable resource for anyone interested in the history of the Church in the Middle Ages and the modern world.

The first part of the book, 'The History of the Church in the Middle Ages', contains five essays. The first essay, 'The Church in the Middle Ages: A General Survey', by the author, provides a general overview of the history of the Church in the Middle Ages. The second essay, 'The Church in the Middle Ages: A Study of the Papacy', by the author, provides a study of the papacy in the Middle Ages. The third essay, 'The Church in the Middle Ages: A Study of the Monasteries', by the author, provides a study of the monasteries in the Middle Ages. The fourth essay, 'The Church in the Middle Ages: A Study of the Bishops', by the author, provides a study of the bishops in the Middle Ages. The fifth essay, 'The Church in the Middle Ages: A Study of the Clergy', by the author, provides a study of the clergy in the Middle Ages.

The second part of the book, 'The Church in the Modern World', contains four essays. The first essay, 'The Church in the Modern World: A General Survey', by the author, provides a general overview of the history of the Church in the modern world. The second essay, 'The Church in the Modern World: A Study of the Papacy', by the author, provides a study of the papacy in the modern world. The third essay, 'The Church in the Modern World: A Study of the Monasteries', by the author, provides a study of the monasteries in the modern world. The fourth essay, 'The Church in the Modern World: A Study of the Bishops', by the author, provides a study of the bishops in the modern world.

ernment of India has been making liberal grants for the promotion of education, sanitation and so forth, in the several provinces. Under the existing system then, certain heads of revenue and expenditure remain in the hands of the central Government. The revenue, the Government of India retains for its own purposes and for meeting the expenditure incurred by the Secretary of State in England, is described in the accounts as Imperial, while that assigned to the Local Governments is described as Provincial. There is a similar classification for expenditure. The Government of India receives the whole of the revenue under the heads Opium, Salt, Customs, Tributes from Native States, Post Office, Telegraph, Railways, Mint and Military Receipts, and it is responsible for the expenditure on the corresponding heads as well as for the Home charges and the bulk of the expenditure under the head 'Interest on Debt.' Revenue and expenditure under other heads are divided between Imperial and Provincial, or are wholly Provincial. The so called 'permanent settlements' with the different provinces and the system of provincial finance which has thus been evolved in the course of the last forty years, can not, however, be regarded as having necessarily any finality about them. Some of the Provincial Governments complain that the share of revenue assigned to them is inadequate and clamour for more. The Provincial Governments do not possess borrowing powers nor can they levy taxation on their own account. The system of provincial finance does not appear to have the necessary amount of elasticity in its revenue arrangements. Of the provincial revenue, about two-thirds is derived from the three divided heads of land revenue, excise and assessed taxes. The control with regard to these heads is divided, and the 'Provincial Governments can not themselves adjust the revenue according to the fluctuating needs of their total expenditure.' The present system under which the Imperial Government makes grants to Local Governments earmarked for specific

ernment of India has been making liberal grants for the promotion of education, sanitation and so forth, in the several provinces. Under the existing system then, certain heads of revenue and expenditure remain in the hands of the central Government. The revenue, the Government of India retains for its own purposes and for meeting the expenditure incurred by the Secretary of State in England, is described in the accounts as Imperial, while that assigned to the Local Governments is described as Provincial. There is a similar classification for expenditure. The Government of India receives the whole of the revenue under the heads Opium, Salt, Customs, Tributes from Native States, Post Office, Telegraph, Railways, Mint and Military Receipts, and it is responsible for the expenditure on the corresponding heads as well as for the Home charges and the bulk of the expenditure under the head 'Interest on Debt.' Revenue and expenditure under other heads are divided between Imperial and Provincial, or are wholly Provincial. The so called 'permanent settlements' with the different provinces and the system of provincial finance which has thus been evolved in the course of the last forty years, can not, however, be regarded as having necessarily any finality about them. Some of the Provincial Governments complain that the share of revenue assigned to them is inadequate and clamour for more. The Provincial Governments do not possess borrowing powers nor can they levy taxation on their own account. The system of provincial finance does not appear to have the necessary amount of elasticity in its revenue arrangements. Of the provincial revenue, about two-thirds is derived from the three divided heads of land revenue, excise and assessed taxes. The control with regard to these heads is divided, and the 'Provincial Governments can not themselves adjust the revenue according to the fluctuating needs of their total expenditure.' The present system under which the Imperial Government makes grants to Local Governments earmarked for specific

purposes is not approved of by the latter who complain that these 'doles' upset their programmes and force them to move through a particular groove when they would have liked to lay down and follow their own lines of development in consonance with their peculiar provincial needs. With the reformed Legislative Councils the pressure upon the Provincial Governments for increased expenditure is growing, and in the absence of the power to levy taxation their position has become one of extreme difficulty. Far from being permanent, the present settlements are thus likely to require important alterations in them in the near future. It has even been suggested that the revenues of the Imperial Government should be derived from assignments made by the Provinces. But the position of the Government of India in this connection is peculiar. As the directly responsible authorities for the good government of this country, it is their duty to supervise and control the administration and to lay down a general policy, subject to provincial variations, for the guidance of the Local Governments. This is the fundamental principle of the Supreme Government, and they would leave to the Provincial Government all possible latitude and independence which is not incompatible with the responsibility which has been placed upon their shoulders. In their Resolution of 1912 on this subject, the Government of India observe:—"These arrangements represent, in the opinion of the Government of India, a decided advance in the path of decentralization. They place a greater responsibility on Local Governments for the stability of their provincial finances while at the same time investing them with wide independence. The arrangement aims at securing a clear division of duties and liabilities ; and the Government of India trust that it will now be followed, on the part of each local Government by a careful examination of the scale of expenditure which now prevails, particularly in the Roads and Buildings Branch of the Public Works Department. The Government of



purposes is not approved of by the latter who complain that these 'doles' upset their programmes and force them to move through a particular groove when they would have liked to lay down and follow their own lines of development in consonance with their peculiar provincial needs. With the reformed Legislative Councils the pressure upon the Provincial Governments for increased expenditure is growing, and in the absence of the power to levy taxation their position has become one of extreme difficulty. Far from being permanent, the present settlements are thus likely to require important alterations in them in the near future. It has even been suggested that the revenues of the Imperial Government should be derived from assignments made by the Provinces. But the position of the Government of India in this connection is peculiar. As the directly responsible authorities for the good government of this country, it is their duty to supervise and control the administration and to lay down a general policy, subject to provincial variations, for the guidance of the Local Governments. This is the fundamental principle of the Supreme Government, and they would leave to the Provincial Government all possible latitude and independence which is not incompatible with the responsibility which has been placed upon their shoulders. In their Resolution of 1912 on this subject, the Government of India observe:—"These arrangements represent, in the opinion of the Government of India, a decided advance in the path of decentralization. They place a greater responsibility on Local Governments for the stability of their provincial finances while at the same time investing them with wide independence. The arrangement aims at securing a clear division of duties and liabilities ; and the Government of India trust that it will now be followed, on the part of each local Government by a careful examination of the scale of expenditure which now prevails, particularly in the Roads and Buildings Branch of the Public Works Department. The Government of

India have now conducted such an examination into their own finances, with a view to economy and retrenchment; they think it would be well if Local Governments should now do the same, bearing in mind the rigidity of the new arrangements and the grave responsibility for keeping the growth of provincial expenditure at a ratio which shall in no circumstances be greater than the growth of provincial resources."

The distribution of the total revenue and expenditure between the Imperial Government and the Provincial Governments for the five years 1907-1911 will be seen from the following table:—

| | Revenue. | | | Expenditure. | | |
|---------|------------|------------|---------------|--------------|-------------|------------|
| | In India. | | In
England | In India. | | In England |
| | Imperial. | Provincial | | Imperial. | Provincial. | |
| | £* | £ | £ | £ | £ | £ |
| 1907-08 | 48,443,585 | 21,841,053 | 718,637 | 30,368,909 | 21,841,053 | 18,487,267 |
| 1808-09 | 44,987,891 | 24,171,904 | 601,740 | 30,402,182 | 24,171,904 | 18,925,159 |
| 1909-10 | 48,810,211 | 25,072,077 | 711,207 | 29,791,861 | 25,072,077 | 19,122,916 |
| 1910-11 | 52,851,503 | 26,855,113 | 975,857 | 30,307,510 | 26,855,113 | 19,581,563 |
| 1911-12 | 53,146, | 28,597,262 | 1,092,411 | 30,340,497 | 28,597,262 | 19,957,637 |

*£ = Rs. 15.

The equality in the provincial revenue and expenditure as seen in the above table is brought about by what are called 'provincial adjustments'. The Government of India keeps with it balances credited to Local Governments and any surplus or deficit resulting from the provincial operations of the year is transferred to or made good from these

The American Medical Association is a non-profit corporation organized for the purpose of promoting the science and art of medicine and the health of the people. It is composed of medical practitioners of all branches and schools of medicine, and of laymen who are interested in the health of the community. The Association is organized into a national body and into state and local branches. The national body is composed of the representatives of the state and local branches, and of the members-at-large. The state and local branches are composed of the members of the Association who reside in the same state or locality. The members of the Association are entitled to vote in the election of the representatives to the national body, and to hold office in the state and local branches. The Association is organized into a national body and into state and local branches. The national body is composed of the representatives of the state and local branches, and of the members-at-large. The state and local branches are composed of the members of the Association who reside in the same state or locality. The members of the Association are entitled to vote in the election of the representatives to the national body, and to hold office in the state and local branches.

The American Medical Association is a non-profit corporation organized for the purpose of promoting the science and art of medicine and the health of the people. It is composed of medical practitioners of all branches and schools of medicine, and of laymen who are interested in the health of the community. The Association is organized into a national body and into state and local branches. The national body is composed of the representatives of the state and local branches, and of the members-at-large. The state and local branches are composed of the members of the Association who reside in the same state or locality. The members of the Association are entitled to vote in the election of the representatives to the national body, and to hold office in the state and local branches. The Association is organized into a national body and into state and local branches. The national body is composed of the representatives of the state and local branches, and of the members-at-large. The state and local branches are composed of the members of the Association who reside in the same state or locality. The members of the Association are entitled to vote in the election of the representatives to the national body, and to hold office in the state and local branches.

| 1917 | | 1918 | | 1919 | | 1920 | |
|------|------|------|------|------|------|------|------|
| Jan. | Feb. | Jan. | Feb. | Jan. | Feb. | Jan. | Feb. |
| 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 5 | 6 | 5 | 6 | 5 | 6 | 5 | 6 |
| 7 | 8 | 7 | 8 | 7 | 8 | 7 | 8 |
| 9 | 10 | 9 | 10 | 9 | 10 | 9 | 10 |
| 11 | 12 | 11 | 12 | 11 | 12 | 11 | 12 |
| 13 | 14 | 13 | 14 | 13 | 14 | 13 | 14 |
| 15 | 16 | 15 | 16 | 15 | 16 | 15 | 16 |
| 17 | 18 | 17 | 18 | 17 | 18 | 17 | 18 |
| 19 | 20 | 19 | 20 | 19 | 20 | 19 | 20 |
| 21 | 22 | 21 | 22 | 21 | 22 | 21 | 22 |
| 23 | 24 | 23 | 24 | 23 | 24 | 23 | 24 |
| 25 | 26 | 25 | 26 | 25 | 26 | 25 | 26 |
| 27 | 28 | 27 | 28 | 27 | 28 | 27 | 28 |
| 29 | 30 | 29 | 30 | 29 | 30 | 29 | 30 |
| 31 | | 31 | | 31 | | 31 | |

The American Medical Association is a non-profit corporation organized for the purpose of promoting the science and art of medicine and the health of the people. It is composed of medical practitioners of all branches and schools of medicine, and of laymen who are interested in the health of the community. The Association is organized into a national body and into state and local branches. The national body is composed of the representatives of the state and local branches, and of the members-at-large. The state and local branches are composed of the members of the Association who reside in the same state or locality. The members of the Association are entitled to vote in the election of the representatives to the national body, and to hold office in the state and local branches. The Association is organized into a national body and into state and local branches. The national body is composed of the representatives of the state and local branches, and of the members-at-large. The state and local branches are composed of the members of the Association who reside in the same state or locality. The members of the Association are entitled to vote in the election of the representatives to the national body, and to hold office in the state and local branches.

India have now conducted such an examination into their own finances, with a view to economy and retrenchment; they think it would be well if Local Governments should now do the same, bearing in mind the rigidity of the new arrangements and the grave responsibility for keeping the growth of provincial expenditure at a ratio which shall in no circumstances be greater than the growth of provincial resources."

The distribution of the total revenue and expenditure between the Imperial Government and the Provincial Governments for the five years 1907-1911 will be seen from the following table:—

| | Revenue. | | | Expenditure. | | | |
|---------|------------|------------|---------------|--------------|-------------|------------|--|
| | In India. | | In
England | In India. | | In England | |
| | Imperial. | Provincial | | Imperial. | Provincial. | | |
| | £* | £ | £ | £ | £ | £ | |
| 1907-08 | 48,443,585 | 21,841,053 | 718,637 | 30,368,909 | 21,841,053 | 18,487,267 | |
| 1808-09 | 44,987,891 | 24,171,904 | 601,740 | 30,402,182 | 24,171,904 | 18,925,159 | |
| 1909-10 | 48,810,211 | 25,072,077 | 711,207 | 29,791,861 | 25,072,077 | 19,122,916 | |
| 1910-11 | 52,851,503 | 26,855,113 | 975,857 | 30,307,510 | 26,855,113 | 19,581,563 | |
| 1911-12 | 53,146, | 28,597,262 | 1,092,411 | 30,340,497 | 28,597,262 | 19,957,637 | |

*£ = Rs. 15.

The equality in the provincial revenue and expenditure as seen in the above table is brought about by what are called 'provincial adjustments'. The Government of India keeps with it balances credited to Local Governments and any surplus or deficit resulting from the provincial operations of the year is transferred to or made good from these

balances. Though in theory the whole revenue of India belongs to the Supreme Government and it assigns certain shares of the same to the Local Governments, in practice, the bulk of that revenue is collected by the latter and contributed to the Imperial exchequer. The following table shows for each province separately the amount by which the total revenue collected therein in 1911-12 (whether classified in the accounts as Imperial or Provincial) exceeded or fell short of the total expenditure incurred therein, and thus indicates the extent to which each province contributed towards the expenditure of the Government of India and the Secretary of State or drew upon the general revenues. The table also shows the state of the provincial balances.

| Provinces. | Excess
of
Revenue. | Excess of
Expendi-
ture. | Provincial
Balance
31st March
1912. | Increase or
decrease of
balance
1911-12. |
|---------------------------------------|--------------------------|--------------------------------|--|---|
| | £. | £. | £. | £. |
| Bengal | 8,511,764 | — | 1,424,967 | 553,082 |
| Eastern Bengal and Assam | 537,732 | — | 833,900 | 347,920 |
| United Provinces | 2,260,342 | — | 588,982 | 9,616 |
| Punjab | 1,493,950 | — | 691,536 | 226,537 |
| Burma | 2,280,092 | — | 276,535 | 84,003 |
| Central Provinces and Berar | 293,535 | — | 265,786 | 80,972 |
| Madras | 4,562,551 | — | 1,235,240 | 195,900 |
| Bombay | 5,248,966 | — | 726,149 | 360,941 |
| N. W. Frontier Province | — | 384,784 | — | — |
| India General | — | 1,998,569 | — | — |
| England | — | 18,865,246 | — | — |
| Net result | Surplus £ 3,940,334 | — | — | Net Provin-
cial surplus.
£ 969,084 |

balances. Though in theory the whole revenue of India belongs to the Supreme Government and it assigns certain shares of the same to the Local Governments, in practice, the bulk of that revenue is collected by the latter and contributed to the Imperial exchequer. The following table shows for each province separately the amount by which the total revenue collected therein in 1911-12 (whether classified in the accounts as Imperial or Provincial) exceeded or fell short of the total expenditure incurred therein, and thus indicates the extent to which each province contributed towards the expenditure of the Government of India and the Secretary of State or drew upon the general revenues. The table also shows the state of the provincial balances.

| Provinces. | Excess
of
Revenue. | Excess of
Expendi-
ture. | Provincial
Balance
31st March
1912. | Increase or
<i>decrease</i> of
balance
1911-12. |
|---------------------------------------|--------------------------|--------------------------------|--|--|
| | £. | £. | £. | £. |
| Bengal | 8,511,764 | — | 1,424,967 | 553,082 |
| Eastern Bengal and Assam | 537,732 | — | 833,900 | 347,920 |
| United Provinces | 2,260,342 | — | 588,982 | 9,616 |
| Punjab | 1,493,950 | — | 691,536 | 226,537 |
| Burma | 2,280,092 | — | 276,535 | 84,003 |
| Central Provinces and Berar | 293,535 | — | 265,786 | 80,972 |
| Madras | 4,562,551 | — | 1,235,240 | 195,900 |
| Bombay | 5,248,966 | — | 726,149 | 360,941 |
| N. W. Frontier Province | — | 384,784 | — | — |
| India General | — | 1,998,569 | — | — |
| England | — | 18,865,246 | — | — |
| Net result | Surplus £ 3,940,334 | | — | Net Provin-
cial surplus.
£ 969,084 |

The following figures show the gross revenue and expenditure for British India during the five years ending in 1911-12.

| | | Revenue | Expenditure charged
to Revenue | Surplus or
<i>Deficit.</i> |
|---------|-----|------------|-----------------------------------|-------------------------------|
| | | £. | £. | £. |
| 1907-08 | ... | 71,003,275 | 70,697,229 | 360,046 |
| 1908-09 | ... | 69,761,535 | 73,499,245 | 3 737,710 |
| 1909-10 | ... | 74,593,495 | 73,986,854 | 606,641 |
| 1910-11 | ... | 80,682,473 | 76,746,186 | 3,936,287 |
| 1911-12 | ... | 82,835,750 | 78,895,416 | 3,940,334 |

The figures of gross revenue include the net receipts of railways without any deduction on account of interest charges, the total receipts (without any deduction on account of interest charges, working expenses &c.) derived from the other commercial undertakings of the Government of India, i.e. Irrigation works, Post Office and Telegraphs and from the sale of Opium, and 'the receipts of certain spending departments; while the figures of gross expenditure include refunds and assignments, the interest charges of railways, the working expenses and interest charges of other commercial undertakings, and the cost of cultivation and manufacture of opium. We give below figures which represent the net revenue derived from commercial undertakings and opium and in which similar adjustments are made under other heads of revenue and expenditure by deducting (1) refunds and assignments from the gross yield of land revenue, taxation &c. and (2) the receipts of spending departments from the gross expenditure incurred by them. The cost of the establishments maintained for the collection of the revenue is not shown as a deduction from revenue but as a separate head of expenditure.

The following table shows the results of the analysis of the data collected from the 100 respondents. The data are presented in the form of a table with four columns: the first column shows the number of respondents who answered 'yes', the second column shows the number of respondents who answered 'no', the third column shows the number of respondents who answered 'maybe', and the fourth column shows the percentage of respondents who answered 'yes'.

| Question | Number of respondents | | Percentage |
|---|-----------------------|----|------------|
| | Yes | No | |
| 1. Do you use the Internet to find information? | 95 | 5 | 95% |
| 2. Do you use the Internet to find books? | 90 | 10 | 90% |
| 3. Do you use the Internet to find journals? | 85 | 15 | 85% |
| 4. Do you use the Internet to find articles? | 80 | 20 | 80% |
| 5. Do you use the Internet to find references? | 75 | 25 | 75% |

The results of the analysis show that the majority of respondents use the Internet to find information, books, journals, articles, and references. The percentage of respondents who answered 'yes' ranges from 75% to 95%. This indicates that the Internet is a widely used source of information for the majority of respondents. The results also show that the Internet is used to find books, journals, articles, and references, which are all types of information that are commonly found in libraries. This suggests that the Internet is a valuable resource for libraries and that it can be used to provide a wide range of information to their users. The results of the analysis also show that the Internet is used to find information, books, journals, articles, and references, which are all types of information that are commonly found in libraries. This suggests that the Internet is a valuable resource for libraries and that it can be used to provide a wide range of information to their users. The results of the analysis also show that the Internet is used to find information, books, journals, articles, and references, which are all types of information that are commonly found in libraries. This suggests that the Internet is a valuable resource for libraries and that it can be used to provide a wide range of information to their users.

The following figures show the gross revenue and expenditure for British India during the five years ending in 1911-12.

| | | Revenue | Expenditure charged
to Revenue | Surplus or
<i>Deficit.</i> |
|---------|-----|------------|-----------------------------------|-------------------------------|
| | | £. | £. | £. |
| 1907-08 | ... | 71,003,275 | 70,697,229 | 360,046 |
| 1908-09 | ... | 69,761,535 | 73,499,245 | 3 737,710 |
| 1909-10 | ... | 74,593,495 | 73,986,854 | 606,641 |
| 1910-11 | ... | 80,682,473 | 76,746,186 | 3,936,287 |
| 1911-12 | ... | 82,835,750 | 78,895,416 | 3,940,334 |

The figures of gross revenue include the net receipts of railways without any deduction on account of interest charges, the total receipts (without any deduction on account of interest charges, working expenses &c.) derived from the other commercial undertakings of the Government of India, i.e. Irrigation works, Post Office and Telegraphs and from the sale of Opium, and the receipts of certain spending departments; while the figures of gross expenditure include refunds and assignments, the interest charges of railways, the working expenses and interest charges of other commercial undertakings, and the cost of cultivation and manufacture of opium. We give below figures which represent the net revenue derived from commercial undertakings and opium and in which similar adjustments are made under other heads of revenue and expenditure by deducting (1) refunds and assignments from the gross yield of land revenue, taxation &c. and (2) the receipts of spending departments from the gross expenditure incurred by them. The cost of the establishments maintained for the collection of the revenue is not shown as a deduction from revenue but as a separate head of expenditure.

REVENUE.

| | Accounts
1911-12 | Budget
1912-13. | Revised
Estimates
1912-13. | Budget
1913-14. |
|----------------------------------|---------------------|--------------------|----------------------------------|--------------------|
| | £ | £ | £ | £ |
| I Land Revenue &c . . . | | | | |
| 1 Land Revenue . . . | 20,000,327 | 20,522,300 | 20,559,300 | 20,610,200 |
| 2 Forest . . . | 1,945,642 | 1,969,300 | 2,078,060 | 2,024,300 |
| 3 Tributes from Native States.. | 393,648 | 402,200 | 398,100 | 415,300 |
| | 22,339,617 | 22,893,500 | 23,035,400 | 23,049,800 |
| II Opium. . . | 5,228,212 | 2,930,700 | 4,503,500 | 306,000 |
| III Taxation . . . | | | | |
| 1 Salt . . . | 3,136,731 | 3,166,200 | 3,077,300 | 3,146,600 |
| 2 Stamps . . . | 4,759,534 | 4,856,300 | 5,023, 00 | 5,162,900 |
| 3 Excise . . . | 7,532,880 | 7,829,800 | 8,004,200 | 8,365,700 |
| 4 Provincial Rates . . . | 548,100 | 549,500 | 556,100 | 27,900 |
| 5 Customs . . . | 6,286,729 | 6,264,900 | 6,857,400 | 6,712,600 |
| 6 Assessed Taxes . . . | 1,642,051 | 1,636,600 | 1,716,800 | 1,747, 7 |
| 7 Registration . . . | 444,738 | 442,500 | 479,900 | 490,800 |
| | 24,350,768 | 24,745,200 | 25,815,600 | 25,654,200 |
| IV Commercial undertakings . . . | | | | |
| 1 Post-office . . . | 125,809 | 169,700 | 223,100 | 303,600 |
| 2 Telegraph . . . | 6,509 | 29,400 | 20,900 | 39,200 |
| 3 Railway Revenue Account . . . | 3,787,770 | 2,041,900 | 5,516,100 | 4,552,300 |
| 4 Irrigation . . . | 805,169 | 606,200 | 1,071,700 | 836,300 |
| | 4,712,239 | 2,768,400 | 6,831,800 | 5,656,000 |
| V Mint . . . | 250,593 | 104,300 | 389,700 | 136,900 |
| VI Exchange . . . | 105,697 | ... | 109,300 | 33,300 |
| Total Net Revenue . . . | 56,987,126 | 53,442,400 | 60,685,300 | 54,836,200 |

REVENUE.

| | Accounts
1911-12 | Budget
1912-13. | Revised
Estimates
1912-13. | Budget
1913-14. |
|----------------------------------|---------------------|--------------------|----------------------------------|--------------------|
| | £ | £ | £ | £ |
| I Land Revenue &c . . . | | | | |
| 1 Land Revenue . . . | 20,000,327 | 20,522,300 | 20,559,300 | 20,610,200 |
| 2 Forest . . . | 1,945,642 | 1,969,300 | 2,078,060 | 2,024,300 |
| 3 Tributes from Native States.. | 393,648 | 402,200 | 398,100 | 415,300 |
| | 22,339,617 | 22,893,500 | 23,035,400 | 23,049,800 |
| II Opium. . . | 5,228,212 | 2,930,700 | 4,503,500 | 306,000 |
| III Taxation . . . | | | | |
| 1 Salt . . . | 3,136,731 | 3,166,200 | 3,077,300 | 3,146,600 |
| 2 Stamps . . . | 4,759,534 | 4,856,300 | 5,023, 00 | 5,162,900 |
| 3 Excise . . . | 7,532,880 | 7,829,800 | 8,004,200 | 8,365,700 |
| 4 Provincial Rates . . . | 548,100 | 549,500 | 556,100 | 27,900 |
| 5 Customs . . . | 6,286,729 | 6,264,900 | 6,857,400 | 6,712,600 |
| 6 Assessed Taxes . . . | 1,642,051 | 1,636,600 | 1,716,800 | 1,747, 7 |
| 7 Registration . . . | 444,738 | 442,500 | 479,900 | 490,800 |
| | 24,350,768 | 24,745,200 | 25,815,600 | 25,654,200 |
| IV Commercial undertakings . . . | | | | |
| 1 Post-office . . . | 125,809 | 169,700 | 223,100 | 303,600 |
| 2 Telegraph . . . | 6,509 | 29,400 | 20,900 | 39,200 |
| 3 Railway Revenue Account . . . | 3,787,770 | 2,041,900 | 5,516,100 | 4,552,300 |
| 4 Irrigation . . . | 805,169 | 606,200 | 1,071,700 | 836,300 |
| | 4,712,239 | 2,768,400 | 6,831,800 | 5,656,000 |
| V Mint . . . | 250,593 | 104,300 | 389,700 | 136,900 |
| VI Exchange . . . | 105,697 | ... | 109,300 | 33,300 |
| Total Net Revenue . . . | 56,987,126 | 53,442,400 | 60,685,300 | 54,836,200 |

| | 1990 | 1991 | 1992 | 1993 |
|----------------------|-------|-------|-------|-------|
| 1. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 2. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 3. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 4. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 5. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 6. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 7. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 8. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 9. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 10. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 11. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 12. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 13. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 14. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 15. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 16. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 17. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 18. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 19. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 20. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 21. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 22. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 23. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 24. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 25. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 26. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 27. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 28. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 29. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 30. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 31. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 32. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 33. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 34. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 35. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 36. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 37. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 38. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 39. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 40. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 41. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 42. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 43. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 44. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 45. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 46. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 47. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 48. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 49. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 50. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 51. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 52. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 53. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 54. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 55. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 56. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 57. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 58. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 59. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 60. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 61. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 62. Male | 50.0 | 50.0 | 50.0 | 50.0 |
| 63. Female | 50.0 | 50.0 | 50.0 | 50.0 |
| 64. Total population | 100.0 | 100.0 | 100.0 | 100.0 |
| 65. Male | 50.0 | 50.0 | 50.0 | 50.0 |

INDIAN ADMINISTRATION. EXPENDITURE.

| | Accounts.
1911-12. | Budget.
1912-13. | Revised
Estimates
1912-13. | Budget
1913-14. |
|--|-------------------------|-------------------------|----------------------------------|-------------------------|
| | £ | £ | £ | £ |
| I Debt Services (excluding interest payments chargeable to Railways and Irrigation) . | 5,88,994 | 817,900 | 344,000 | 22,700 |
| II Military Services : | | | | |
| (1) Army | 18,357,180 | 17,929,800 | 18,423,200 | 18,369,100 |
| (2) Marine | 365,828 | 356,000 | 389,000 | 380,000 |
| (3) Military Works and Special Defence Works . | 835,572 | 808,700 | 823,210 | 897,600 |
| III Collection of Revenue . | 19,558,580
6,383,531 | 19,094,500
6,688,700 | 19,635,400
6,587,000 | 19,646,800
6,796,500 |
| IV Civil Services : | | | | |
| (1) Civil Departments . | 152,28,035 | 16,250,700 | 15,416,500 | 18,127,800 |
| (2) Miscellaneous Civil Charges | 4,191,444 | 4,355,700 | 4,336,600 | 4,531,100 |
| (3) Civil Works | 5,127,124 | 5,334,300 | 5,898,200 | 6,297,600 |
| | 24,546,603 | 25,940,700 | 25,651,300 | 28,956,500 |
| V Famine Relief and Insurance . | 1,000,100 | 1,000,000 | 1,000,000 | 1,000,000 |
| VI Provincial Adjustments : | | | | |
| (1) Provincial Surpluses (which are added to the Provincial Balances and charged against the revenue of the year | 869,084 | ..... | 4,073,900 | ..... |
| (2) Provincial Deficits (i. e. amounts taken from Provincial Balances towards defraying expenditure incurred during the year . . . . . | ..... | 1,557,700 | ..... | 2,913,600 |
| Total Net Expenditure charged against Revenue | 53,046,792 | 51,964,100 | 57,291,600 | 53,509,900 |
| Surplus or Deficit | 3,940,334 | 1,478,300 | 3,393,700 | 1,326,300 |

We shall now proceed to consider, one by one, the various heads of revenue and expenditure. The revenue of the Government of India is classified as taxation-revenue

INDIAN ADMINISTRATION. EXPENDITURE.

| | Accounts.
1911-12. | Budget.
1912-13. | Revised
Estimates
1912-13. | Budget
1913-14. |
|--|-------------------------|-------------------------|----------------------------------|-------------------------|
| | £ | £ | £ | £ |
| I Debt Services (excluding interest payments chargeable to Railways and Irrigation) | 5,88,994 | 817,900 | 344,000 | 22,700 |
| II Military Services : | | | | |
| (1) Army | 18,357,180 | 17,929,800 | 18,423,200 | 18,369,100 |
| (2) Marine | 365,828 | 356,000 | 389,000 | 380,000 |
| (3) Military Works and Special Defence Works | 835,572 | 808,700 | 823,210 | 897,600 |
| III Collection of Revenue | 19,558,580
6,383,531 | 19,094,500
6,688,700 | 19,635,400
6,587,000 | 19,646,800
6,796,500 |
| IV Civil Services : | | | | |
| (1) Civil Departments | 152,28,035 | 16,250,700 | 15,416,500 | 18,127,800 |
| (2) Miscellaneous Civil Charges | 4,191,444 | 4,355,700 | 4,336,600 | 4,531,100 |
| (3) Civil Works | 5,127,124 | 5,334,300 | 5,898,200 | 6,297,600 |
| V Famine Relief and Insurance. | 24,546,603
1,000,100 | 25,940,700
1,000,000 | 25,651,300
1,000,000 | 28,956,500
1,000,000 |
| VI Provincial Adjustments : | | | | |
| (1) Provincial Surpluses (which are added to the Provincial Balances and charged against the revenue of the year) | 869,084 | ..... | 4,073,900 | ..... |
| (2) Provincial Deficits (i.e. amounts taken from Provincial Balances towards defraying expenditure incurred during the year) | ..... | 1,557,700 | ..... | 2,912,600 |
| Total Net Expenditure charged against Revenue | 53,046,792 | 51,964,100 | 57,291,600 | 53,509,900 |
| Surplus or Deficit | 3,940,334 | 1,478,300 | 3,393,700 | 1,326,300 |

We shall now proceed to consider, one by one, the various heads of revenue and expenditure. The revenue of the Government of India is classified as taxation-revenue

REFERENCES

1. *Journal of Documentation*, 1990, 45, 1, 1-2.
2. *Journal of Documentation*, 1990, 45, 1, 3-4.
3. *Journal of Documentation*, 1990, 45, 1, 5-6.
4. *Journal of Documentation*, 1990, 45, 1, 7-8.
5. *Journal of Documentation*, 1990, 45, 1, 9-10.
6. *Journal of Documentation*, 1990, 45, 1, 11-12.
7. *Journal of Documentation*, 1990, 45, 1, 13-14.
8. *Journal of Documentation*, 1990, 45, 1, 15-16.
9. *Journal of Documentation*, 1990, 45, 1, 17-18.
10. *Journal of Documentation*, 1990, 45, 1, 19-20.
11. *Journal of Documentation*, 1990, 45, 1, 21-22.
12. *Journal of Documentation*, 1990, 45, 1, 23-24.
13. *Journal of Documentation*, 1990, 45, 1, 25-26.
14. *Journal of Documentation*, 1990, 45, 1, 27-28.
15. *Journal of Documentation*, 1990, 45, 1, 29-30.
16. *Journal of Documentation*, 1990, 45, 1, 31-32.
17. *Journal of Documentation*, 1990, 45, 1, 33-34.
18. *Journal of Documentation*, 1990, 45, 1, 35-36.
19. *Journal of Documentation*, 1990, 45, 1, 37-38.
20. *Journal of Documentation*, 1990, 45, 1, 39-40.
21. *Journal of Documentation*, 1990, 45, 1, 41-42.
22. *Journal of Documentation*, 1990, 45, 1, 43-44.
23. *Journal of Documentation*, 1990, 45, 1, 45-46.
24. *Journal of Documentation*, 1990, 45, 1, 47-48.
25. *Journal of Documentation*, 1990, 45, 1, 49-50.
26. *Journal of Documentation*, 1990, 45, 1, 51-52.
27. *Journal of Documentation*, 1990, 45, 1, 53-54.
28. *Journal of Documentation*, 1990, 45, 1, 55-56.
29. *Journal of Documentation*, 1990, 45, 1, 57-58.
30. *Journal of Documentation*, 1990, 45, 1, 59-60.
31. *Journal of Documentation*, 1990, 45, 1, 61-62.
32. *Journal of Documentation*, 1990, 45, 1, 63-64.
33. *Journal of Documentation*, 1990, 45, 1, 65-66.
34. *Journal of Documentation*, 1990, 45, 1, 67-68.
35. *Journal of Documentation*, 1990, 45, 1, 69-70.
36. *Journal of Documentation*, 1990, 45, 1, 71-72.
37. *Journal of Documentation*, 1990, 45, 1, 73-74.
38. *Journal of Documentation*, 1990, 45, 1, 75-76.
39. *Journal of Documentation*, 1990, 45, 1, 77-78.
40. *Journal of Documentation*, 1990, 45, 1, 79-80.
41. *Journal of Documentation*, 1990, 45, 1, 81-82.
42. *Journal of Documentation*, 1990, 45, 1, 83-84.
43. *Journal of Documentation*, 1990, 45, 1, 85-86.
44. *Journal of Documentation*, 1990, 45, 1, 87-88.
45. *Journal of Documentation*, 1990, 45, 1, 89-90.
46. *Journal of Documentation*, 1990, 45, 1, 91-92.
47. *Journal of Documentation*, 1990, 45, 1, 93-94.
48. *Journal of Documentation*, 1990, 45, 1, 95-96.
49. *Journal of Documentation*, 1990, 45, 1, 97-98.
50. *Journal of Documentation*, 1990, 45, 1, 99-100.

and non-taxation revenue. In the first category comes revenue derived from salt, stamps, excise, customs, income-tax and registration, while land-revenue, forest-produce, tributes from Native States, receipts from the sale of opium, and the revenue derived from commercial services such as the Post Office and Telegraph, come under the second head. The question of land revenue has been dealt with in a separate chapter and we shall pass over it here. Forest revenue is derived almost entirely from the sale of timber and other forest produce. Till a separate Forest Department was created in 1861, no steps had been taken to preserve the Indian forests but since then this valuable State property has been vastly improved, and though it is avowedly administered for the benefit of the people rather than for raising an immediate large income, the department has become a fruitful source of profit to the Government as may be seen from the fact that during the last 12 years forest revenue has increased nearly 70 per cent. The systematic conservancy of the Indian forests is based on the Forest Act of 1878 which gave the Government powers of dealing with private rights in the forests of which the chief proprietary right is vested in the State. The Tributes and contributions from Native States are often due to exchanges of territory or settlements of mutual claims but they are chiefly in lieu of former obligations to supply or maintain troops. The revenue from this source is comparatively small and stationary and does not call for any further remark. Opium production is a State monopoly in British India. The receipts under this head are from the sale of opium to China and other countries. The revenue is raised partly by the levy of a duty on all opium exported from Native States and partly by a monopoly of the production of the drug in the Ganges valley. In British territory poppy cultivation is now practically confined to a permitted area in the United Provinces which is being steadily restricted in view of an agreement with China to curtail the

and non-taxation revenue. In the first category comes revenue derived from salt, stamps, excise, customs, income-tax and registration, while land-revenue, forest-produce, tributes from Native States, receipts from the sale of opium, and the revenue derived from commercial services such as the Post Office and Telegraph, come under the second head. The question of land revenue has been dealt with in a separate chapter and we shall pass over it here. Forest revenue is derived almost entirely from the sale of timber and other forest produce. Till a separate Forest Department was created in 1861, no steps had been taken to preserve the Indian forests but since then this valuable State property has been vastly improved, and though it is avowedly administered for the benefit of the people rather than for raising an immediate large income, the department has become a fruitful source of profit to the Government as may be seen from the fact that during the last 12 years forest revenue has increased nearly 70 per cent. The systematic conservancy of the Indian forests is based on the Forest Act of 1878 which gave the Government powers of dealing with private rights in the forests of which the chief proprietary right is vested in the State. The Tributes and contributions from Native States are often due to exchanges of territory or settlements of mutual claims but they are chiefly in lieu of former obligations to supply or maintain troops. The revenue from this source is comparatively small and stationary and does not call for any further remark. Opium production is a State monopoly in British India. The receipts under this head are from the sale of opium to China and other countries. The revenue is raised partly by the levy of a duty on all opium exported from Native States and partly by a monopoly of the production of the drug in the Ganges valley. In British territory poppy cultivation is now practically confined to a permitted area in the United Provinces which is being steadily restricted in view of an agreement with China to curtail the

exports of the drug to the country according to a stated scale. The cultivator of opium in these monopoly districts (known as Bengal opium) must receive a license and is granted advances to enable him to prepare the land for crop. The whole outturn of crude opium is delivered to Government agents at the fixed price of Rs. 6 per seer. The chests of 'provision opium' are sold by auction in Calcutta and the difference between the price thus obtained and the price paid to the cultivator is the revenue from Bengal 'provision' opium. What is called 'Malwa opium' is grown in Baroda and in some of the Native States of Rajputana and Central India. A heavy duty is imposed upon opium coming into British territory from these places. Besides revenue thus realized, revenue is derived from 'excise opium' intended for consumption in India, which, on manufacture, is made over to the Excise Department at the rate of Rs. 8½ per seer. In conformity with the agreement with the Chinese Government referred to above, the export of opium to China has been steadily curtailed and if that Government succeeds in suppressing production of the drug in China, the Government of India is prepared to put further limitations on its exports and, of course, on production also. This means a heavy loss of revenue to this country, which Government have had great difficulty in making good, additional taxation having to be levied for the purpose. But during the last few years, owing to restricted supply and speculating buying the price of opium rose very high and Government received, as a consequence, much larger revenue than was calculated. These 'opium windfalls' made the State treasury overflow with revenue and enabled the Government of India to make liberal grants to Local Governments for various useful purposes. This valuable asset will, however, disappear within the next few years. But the Government of India are prepared for the contingency and have already provided for the loss of its opium revenue.

exports of the drug to the country according to a stated scale. The cultivator of opium in these monopoly districts (known as Bengal opium) must receive a license and is granted advances to enable him to prepare the land for crop. The whole outturn of crude opium is delivered to Government agents at the fixed price of Rs. 6 per seer. The chests of 'provision opium' are sold by auction in Calcutta and the difference between the price thus obtained and the price paid to the cultivator is the revenue from Bengal 'provision' opium. What is called 'Malwa opium' is grown in Baroda and in some of the Native States of Rajputana and Central India. A heavy duty is imposed upon opium coming into British territory from these places. Besides revenue thus realized, revenue is derived from 'excise opium' intended for consumption in India, which, on manufacture, is made over to the Excise Department at the rate of Rs. 8½ per seer. In conformity with the agreement with the Chinese Government referred to above, the export of opium to China has been steadily curtailed and if that Government succeeds in suppressing production of the drug in China, the Government of India is prepared to put further limitations on its exports and, of course, on production also. This means a heavy loss of revenue to this country, which Government have had great difficulty in making good, additional taxation having to be levied for the purpose. But during the last few years, owing to restricted supply and speculating buying the price of opium rose very high and Government received, as a consequence, much larger revenue than was calculated. These 'opium windfalls' made the State treasury overflow with revenue and enabled the Government of India to make liberal grants to Local Governments for various useful purposes. This valuable asset will, however, disappear within the next few years. But the Government of India are prepared for the contingency and have already provided for the loss of its opium revenue.

The seven heads of tax revenue contribute between them about 43 per cent. of the total net revenue of the Indian Government. The largest among these contributors, as may be seen from the table on a previous page, is excise, followed closely by customs and stamps. The salt revenue has declined within recent years and the income-tax, receipts from which are comparatively small, shows a steady tendency of increase. The tax on salt has a long and chequered history. Salt was long regarded as one of the most suitable articles for general taxation, as a tax on that necessary of life would reach even the poorest of the population. The tax was also looked upon as a financial reserve which might be drawn upon in case of urgent necessity, but not otherwise. The salt revenue in India is derived from a duty levied upon all salt imported into or manufactured in India. Before 1882, there were great diversities as to the rate of the tax in the various provinces, but in that year a general duty of Rs. 2 per maund was imposed and it was raised six years later to Rs. 2½. In 1903 the tax was brought back to Rs. 2; it was reduced to Rs. 1½ in 1905 and still further to Re. 1 in 1907. The salt tax was, for many years, a subject of serious grievance and its reduction has been most beneficial to the mass of people with whom salt is an important necessary of life. The small sacrifice of revenue has thus been more than compensated for and the reduction has led to a steady increase in consumption. The sources of stamp revenue are two, judicial and non-judicial. Stamps have to be affixed on plaints petitions and other documents. filed before the various, courts in lieu of court fees. There are similarly stamps used in commercial transactions such as bonds, cheques, bills of exchange, receipts and the like. This tax therefore falls upon litigation, trade and industry. The biggest item on the revenue side under Taxation is excise. This revenue is derived from the manufacture and sale of intoxicating liquors, opium and hemp drugs. The proceeds of this tax

the author's analysis of the various historical and contemporary factors that have contributed to the current state of affairs in the Middle East. The book is a well-written and accessible introduction to the complex and often confusing world of the Middle East. It is a must-read for anyone interested in the region's history and politics. The author's clear and concise writing style makes it easy to understand the complex issues at hand. The book is a valuable resource for anyone looking to gain a deeper understanding of the Middle East.

The book is a well-written and accessible introduction to the complex and often confusing world of the Middle East. It is a must-read for anyone interested in the region's history and politics. The author's clear and concise writing style makes it easy to understand the complex issues at hand. The book is a valuable resource for anyone looking to gain a deeper understanding of the Middle East. The author's analysis of the various historical and contemporary factors that have contributed to the current state of affairs in the Middle East is a key strength of the book. The book is a well-written and accessible introduction to the complex and often confusing world of the Middle East. It is a must-read for anyone interested in the region's history and politics. The author's clear and concise writing style makes it easy to understand the complex issues at hand. The book is a valuable resource for anyone looking to gain a deeper understanding of the Middle East.

The book is a well-written and accessible introduction to the complex and often confusing world of the Middle East. It is a must-read for anyone interested in the region's history and politics. The author's clear and concise writing style makes it easy to understand the complex issues at hand. The book is a valuable resource for anyone looking to gain a deeper understanding of the Middle East. The author's analysis of the various historical and contemporary factors that have contributed to the current state of affairs in the Middle East is a key strength of the book. The book is a well-written and accessible introduction to the complex and often confusing world of the Middle East. It is a must-read for anyone interested in the region's history and politics. The author's clear and concise writing style makes it easy to understand the complex issues at hand. The book is a valuable resource for anyone looking to gain a deeper understanding of the Middle East.

The seven heads of tax revenue contribute between them about 43 per cent. of the total net revenue of the Indian Government. The largest among these contributors, as may be seen from the table on a previous page, is excise, followed closely by customs and stamps. The salt revenue has declined within recent years and the income-tax, receipts from which are comparatively small, shows a steady tendency of increase. The tax on salt has a long and chequered history. Salt was long regarded as one of the most suitable articles for general taxation, as a tax on that necessary of life would reach even the poorest of the population. The tax was also looked upon as a financial reserve which might be drawn upon in case of urgent necessity, but not otherwise. The salt revenue in India is derived from a duty levied upon all salt imported into or manufactured in India. Before 1882, there were great diversities as to the rate of the tax in the various provinces, but in that year a general duty of Rs. 2 per maund was imposed and it was raised six years later to Rs. 2½. In 1903 the tax was brought back to Rs. 2; it was reduced to Rs. 1½ in 1905 and still further to Re. 1 in 1907. The salt tax was, for many years, a subject of serious grievance and its reduction has been most beneficial to the mass of people with whom salt is an important necessary of life. The small sacrifice of revenue has thus been more than compensated for and the reduction has led to a steady increase in consumption. The sources of stamp revenue are two, judicial and non-judicial. Stamps have to be affixed on plaints petitions and other documents. filed before the various, courts in lieu of court fees. There are similarly stamps used in commercial transactions such as bonds, cheques, bills of exchange, receipts and the like. This tax therefore falls upon litigation, trade and industry. The biggest item on the revenue side under Taxation is excise. This revenue is derived from the manufacture and sale of intoxicating liquors, opium and hemp drugs. The proceeds of this tax

have increased 100 per cent. during the past few years. This growth is naturally regarded with grave anxiety as the habit of drink is one of the deadliest evils from which society may suffer. It is, however, stated that 'the considerable growth of the excise revenue in recent years is due mainly to higher rates of duty and stricter excise control and does not indicate a corresponding increase in consumption, although some increase has occurred through the expansion of population and the greater prosperity of certain classes.' Whatever it may be, nothing can be more reasonable than the demand that consideration of revenue ought to be entirely subordinated to keen solicitude for the moral, social and also the material well-being of the people which is intimately bound up with the excise problem. The contribution of what are called provincial rates to the general revenues is very small and has materially dwindled within the last few years, because since 1904-05 many cesses levied under that head have been abolished. This revenue is made up chiefly of the cess on lands levied in Bengal for roads, schools, dispensaries etc. The funds raised by local boards for local purposes have now been excluded from the Imperial accounts. As will be seen from the revenue and expenditure table given on a previous page the revenue from this source has dropped down in the budget for 1913-14 to £ 27,900. The explanation* of this is that from the current year the Government of India have decided to make assignments to Local Governments to enable them to forego the amounts which they appropriated for provincial use from the cess on land. In pursuance of the policy of developing and encouraging local self-government, the Government of India will make over the proceeds of the cesses to local bodies and make good the loss of the Provinces, by assigning to them a revenue amounting to 79½ lakhs of rupees.

* Sir G. F. Wilson's speech introducing the Financial Statement for 1913-14.

have increased 100 per cent. during the past few years. This growth is naturally regarded with grave anxiety as the habit of drink is one of the deadliest evils from which society may suffer. It is, however, stated that 'the considerable growth of the excise revenue in recent years is due mainly to higher rates of duty and stricter excise control and does not indicate a corresponding increase in consumption, although some increase has occurred through the expansion of population and the greater prosperity of certain classes.' Whatever it may be, nothing can be more reasonable than the demand that consideration of revenue ought to be entirely subordinated to keen solicitude for the moral, social and also the material well-being of the people which is intimately bound up with the excise problem. The contribution of what are called provincial rates to the general revenues is very small and has materially dwindled within the last few years, because since 1904-05 many cesses levied under that head have been abolished. This revenue is made up chiefly of the cess on lands levied in Bengal for roads, schools, dispensaries etc. The funds raised by local boards for local purposes have now been excluded from the Imperial accounts. As will be seen from the revenue and expenditure table given on a previous page the revenue from this source has dropped down in the budget for 1913-14 to £ 27,900. The explanation* of this is that from the current year the Government of India have decided to make assignments to Local Governments to enable them to forego the amounts which they appropriated for provincial use from the cess on land. In pursuance of the policy of developing and encouraging local self-government, the Government of India will make over the proceeds of the cesses to local bodies and make good the loss of the Provinces by assigning to them a revenue amounting to 79½ lakhs of rupees.

* Sir G. F. Wilson's speech introducing the Financial Statement for 1913-14.

The customs revenue consists of the proceeds of the import duties levied upon a variety of articles according to a fixed scale which may be modified from time to time. Great Britain is a country in which the fiscal policy is strictly guided by the principle of free trade. The import duties levied there upon certain articles such as tea and sugar, and tobacco and spirits are mainly for revenue purposes, and on certain articles there are corresponding excise duties. The same general policy of free imports has been applied to India in the belief that that policy is essential and beneficial to this country, while it is felt that the imposition of high import duties will be as prejudicial to the interests of the mass of the Indian people as to those of British industries and trade. Whether Indian imports and exports should be free or should be subjected to duties for the benefit not only of the exchequer but also of the indigenous industries is a complex subject on which there is a wide divergence of opinion and it need not be considered in this place. Under the customs tariff, special import duties are levied on arms, ammunition, military stores, liquors, opium, petroleum, salt, tobacco and silver. General import duties at the rate of 5 per cent. *ad valorem* are levied upon a large number of articles among which may be mentioned hardware and cutlery, oils, clocks and watches, carriages, soap, umbrellas, leather, stationery and woollens. There is a general import duty *ad valorem* of $3\frac{1}{2}$ per cent. on cotton piece goods, and a corresponding excise duty is levied on the products of Indian cotton mills. This last duty is regarded in India as unjust and unnecessary, and as one imposed for the satisfaction of the British free trade conscience and of the wishes of British cotton manufacturers. The repeal of the cotton excise duty is being continuously urged upon the attention of Government who plead in defence of it the interest of the mass of Indian people who benefit by cheap clothing. Besides this, there is a moderate duty of 1 per cent. *ad valorem* on iron and steel. The free list again con-

The customs revenue consists of the proceeds of the import duties levied upon a variety of articles according to a fixed scale which may be modified from time to time. Great Britain is a country in which the fiscal policy is strictly guided by the principle of free trade. The import duties levied there upon certain articles such as tea and sugar, and tobacco and spirits are mainly for revenue purposes, and on certain articles there are corresponding excise duties. The same general policy of free imports has been applied to India in the belief that that policy is essential and beneficial to this country, while it is felt that the imposition of high import duties will be as prejudicial to the interests of the mass of the Indian people as to those of British industries and trade. Whether Indian imports and exports should be free or should be subjected to duties for the benefit not only of the exchequer but also of the indigenous industries is a complex subject on which there is a wide divergence of opinion and it need not be considered in this place. Under the customs tariff, special import duties are levied on arms, ammunition, military stores, liquors, opium, petroleum, salt, tobacco and silver. General import duties at the rate of 5 per cent. *ad valorem* are levied upon a large number of articles among which may be mentioned hardware and cutlery, oils, clocks and watches, carriages, soap, umbrellas, leather, stationery and woollens. There is a general import duty *ad valorem* of $3\frac{1}{2}$ per cent. on cotton piece goods, and a corresponding excise duty is levied on the products of Indian cotton mills. This last duty is regarded in India as unjust and unnecessary, and as one imposed for the satisfaction of the British free trade conscience and of the wishes of British cotton manufacturers. The repeal of the cotton excise duty is being continuously urged upon the attention of Government who plead in defence of it the interest of the mass of Indian people who benefit by cheap clothing. Besides this, there is a moderate duty of 1 per cent. *ad valorem* on iron and steel. The free list again con-

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

PUBLISHED WEEKLY

Subscription price, Five Dollars Per Annum in Advance

Single Copies, Fifteen Cents

Entered as Second-Class Matter, May 2, 1912

Postpaid

Acceptance for mailing at special rate of postage provided for in

Act of October 3, 1917

Postage paid at Chicago, Ill.

Postmaster: Please send address changes to

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

535 North Dearborn Street, Chicago 10, Ill.

Copyright, 1948, by American Medical Association

Printed in the United States of America

Second-Class Postage Paid at Chicago, Ill.

Postmaster: Please send address changes to

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

535 North Dearborn Street, Chicago 10, Ill.

Copyright, 1948, by American Medical Association

Printed in the United States of America

Second-Class Postage Paid at Chicago, Ill.

Postmaster: Please send address changes to

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

535 North Dearborn Street, Chicago 10, Ill.

Copyright, 1948, by American Medical Association

Printed in the United States of America

Second-Class Postage Paid at Chicago, Ill.

Postmaster: Please send address changes to

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

535 North Dearborn Street, Chicago 10, Ill.

Copyright, 1948, by American Medical Association

Printed in the United States of America

Second-Class Postage Paid at Chicago, Ill.

Postmaster: Please send address changes to

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

535 North Dearborn Street, Chicago 10, Ill.

Copyright, 1948, by American Medical Association

Printed in the United States of America

Second-Class Postage Paid at Chicago, Ill.

Postmaster: Please send address changes to

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

tains a number of articles which are exempted from duty altogether. There are no considerable export duties in India except that upon rice (including rice flour) of 3 annas per maund. Since 1859 a tax upon income in one form or another has always existed in India and changes in its nature and rate have been made from time to time. Before 1886 under local Acts various licenses were required for the exercise of trades or industries. But by the Incom-Tax Act of that year, which was made applicable to the whole of India it was provided that all incomes from salaries and pensions or from interest on securities, if amounting to Rs. 2,000 per annum were to pay 5 pies in the rupee ; that incomes less than Rs. 2,000 were to pay 4 pies. Companies were to pay 5 pies in the rupee on their net profits and that incomes under Rs 2,000 derived from other sources were to pay according to a graded scale from Rs. 20 on an income of Rs. 1,000 to Rs. 42 on Rs. 1,999 and 5 pies in the rupee on incomes of Rs. 2,000 and upwards. An amending Act of 1903 substituted Rs. 1,000 as the taxable minimum in place of the former limit of Rs. 500. Incomes from land or agriculture are exempt from the tax. In the case of military salaries the taxable minimum is Rs. 500 a month.

The last item of tax revenue is registration and consists of the fees that are charged *ad valorem* for registration and for searching records. There are offices in every district for the registration of documents and for making copies thereof. The registration of certain documents is compulsory or necessary to the validity of the deed and that of others is optional. Under the first category come all deeds transferring immovable property, which comprise the great majority of all registrations. Little need be said here about the Post Office and Telegraph which are mainly intended for the convenience of the public and not for profit. The operations of the Post Office have been steadily extending and growing in volume and it leaves a small net profit to Government every year. The

tains a number of articles which are exempted from duty altogether. There are no considerable export duties in India except that upon rice (including rice flour) of 3 annas per maund. Since 1859 a tax upon income in one form or another has always existed in India and changes in its nature and rate have been made from time to time. Before 1886 under local Acts various licenses were required for the exercise of trades or industries. But by the Incom-Tax Act of that year, which was made applicable to the whole of India it was provided that all incomes from salaries and pensions or from interest on securities, if amounting to Rs. 2,000 per annum were to pay 5 pies in the rupee ; that incomes less than Rs. 2,000 were to pay 4 pies. Companies were to pay 5 pies in the rupee on their net profits and that incomes under Rs 2,000 derived from other sources were to pay according to a graded scale from Rs. 20 on an income of Rs. 1,000 to Rs. 42 on Rs. 1,999 and 5 pies in the rupee on incomes of Rs. 2,000 and upwards. An amending Act of 1903 substituted Rs. 1,000 as the taxable minimum in place of the former limit of Rs. 500. Incomes from land or agriculture are exempt from the tax. In the case of military salaries the taxable minimum is Rs. 500 a month.

The last item of tax revenue is registration and consists of the fees that are charged *ad valorem* for registration and for searching records. There are offices in every district for the registration of documents and for making copies thereof. The registration of certain documents is compulsory or necessary to the validity of the deed and that of others is optional. Under the first category come all deeds transferring immovable property, which comprise the great majority of all registrations. Little need be said here about the Post Office and Telegraph which are mainly intended for the convenience of the public and not for profit. The operations of the Post Office have been steadily extending and growing in volume and it leaves a small net profit to Government every year. The

Telegraph department has not been paying its way and entrenches upon the general revenues to a certain extent. It is only during the past few years that the Railways have become a source of net profit to the State. Since 1904-05 the average gain from the working of the Railways has exceeded 3 crores per year. This revenue must depend more or less upon the character of the monsoon which directly affects the volume of the rail-borne trade. A detailed account of Railway and Irrigation works will be given in a subsequent chapter. We are concerned here mainly with their financial aspect. On both these works borrowed money is expended every year for their expansion, and for the railways and more important irrigation systems distinct capital and revenue accounts are kept. The net profit to the State from the Railways, after meeting all charges for interest on capital, annuities for the purchase of lines from companies, shares of surplus profits payable to companies &c, came in 1910-11 to a little more than 3 million £, and in 1911-12 to £ 3,787,770. In the revised estimates for 1912-13 the amount put down was £ 5,516,100, while the budget for 1913-14 calculates upon a net profit of £4,582,300. The revenue receipts from Government irrigation works are derived almost entirely from the charges made for water or for water advantages which depend not on the volume of water supplied, but on the kind of crops cultivated and on the areas actually or ordinarily cultivated. The system of collecting this revenue varies in the different provinces. The net receipts from Major and Minor works were £ 805,169 in 1911-12 and the revenue estimated for 1913-14 is £ 839,300. The incidence of taxation per head of population may be found by dividing the total amount of tax revenue (including land revenue) by the number of people in British India. By this process the incidence in 1911-12 comes to 3s. 7·3d. Taking the budget figures for 1913-14 and assuming an annual increase of population at the rate of $\frac{1}{2}$ per cent. the average taxation per head of the

Telegraph department has not been paying its way and entrenches upon the general revenues to a certain extent. It is only during the past few years that the Railways have become a source of net profit to the State. Since 1904-05 the average gain from the working of the Railways has exceeded 3 crores per year. This revenue must depend more or less upon the character of the monsoon which directly affects the volume of the rail-borne trade. A detailed account of Railway and Irrigation works will be given in a subsequent chapter. We are concerned here mainly with their financial aspect. On both these works borrowed money is expended every year for their expansion, and for the railways and more important irrigation systems distinct capital and revenue accounts are kept. The net profit to the State from the Railways, after meeting all charges for interest on capital, annuities for the purchase of lines from companies, shares of surplus profits payable to companies &c, came in 1910-11 to a little more than 3 million £, and in 1911-12 to £ 3,787,770. In the revised estimates for 1912-13 the amount put down was £ 5,516,100, while the budget for 1913-14 calculates upon a net profit of £4,582,300. The revenue receipts from Government irrigation works are derived almost entirely from the charges made for water or for water advantages which depend not on the volume of water supplied, but on the kind of crops cultivated and on the areas actually or ordinarily cultivated. The system of collecting this revenue varies in the different provinces. The net receipts from Major and Minor works were £ 805,169 in 1911-12 and the revenue estimated for 1913-14 is £ 839,300. The incidence of taxation per head of population may be found by dividing the total amount of tax revenue (including land revenue) by the number of people in British India. By this process the incidence in 1911-12 comes to 3s. 7·3d. Taking the budget figures for 1913-14 and assuming an annual increase of population at the rate of $\frac{1}{2}$ per cent. the average taxation per head of the

population we arrive at is 3s. 8·7d. The revenue represented by the head of mint is not, as is likely to be supposed derived from profits on the coinage of rupees which are transferred to the Gold Standard Reserve. The mint receipts are made up of a percentage on the value of new rupees coined as also the profits on the circulation of bronze and nickel coinage and fees received from various colonies for undertaking coinage. The revenue item on account of exchange represents the difference between the statutory value of the rupee, viz. 16d. which is the basis of calculation and the actual rate obtained for the remittances that are made to England to defray the net expenditure there. The average rate is usually something over sixteen pence to the rupee.

Turning now to the heads of net expenditure, we have first of all, the debt services. The total debt is classified in the Accounts as (1) Public Works Debt and (2) Ordinary Debt. The amount entered as belonging to the former category is the equivalent of the total capital expenditure which has been incurred by the State on Railways and Irrigation Works, including the amount advanced to Railway Companies for capital expenditure, and the interest on this portion of the debt is charged under Railways and Irrigation. The ordinary debt consists of the difference between the total debt in existence and the amount entered as Public Works debt. The total debt of India amounted on 31st March, 1913 to £ 274,402,873 and the bulk of it has been incurred for Railway and Irrigation Works. It is therefore productive debt and the ordinary or unproductive debt is very small, and has been steadily diminishing. The amount of £ 22,700 entered in the table on page 170 against debt services is thus obtained.

| Budget, 1913-14. | £ |
|---|------------|
| Total payment for interest on debt :— | 9,346,100 |
| <i>Deduct amount chargeable to Railways
(included under Railways)</i> | —7,387,200 |

population we arrive at is 3s. 8·7d. The revenue represented by the head of mint is not, as is likely to be supposed derived from profits on the coinage of rupees which are transferred to the Gold Standard Reserve. The mint receipts are made up of a percentage on the value of new rupees coined as also the profits on the circulation of bronze and nickel coinage and fees received from various colonies for undertaking coinage. The revenue item on account of exchange represents the difference between the statutory value of the rupee, viz. 16d. which is the basis of calculation and the actual rate obtained for the remittances that are made to England to defray the net expenditure there. The average rate is usually something over sixteen pence to the rupee.

Turning now to the heads of net expenditure, we have first of all, the debt services. The total debt is classified in the Accounts as (1) Public Works Debt and (2) Ordinary Debt. The amount entered as belonging to the former category is the equivalent of the total capital expenditure which has been incurred by the State on Railways and Irrigation Works, including the amount advanced to Railway Companies for capital expenditure, and the interest on this portion of the debt is charged under Railways and Irrigation. The ordinary debt consists of the difference between the total debt in existence and the amount entered as Public Works debt. The total debt of India amounted on 31st March, 1913 to £ 274,402,873 and the bulk of it has been incurred for Railway and Irrigation Works. It is therefore productive debt and the ordinary or unproductive debt is very small, and has been steadily diminishing. The amount of £ 22,700 entered in the table on page 170 against debt services is thus obtained.

| Budget, 1913-14. | £ |
|---|------------|
| Total payment for interest on debt :— | 9,346,100 |
| <i>Deduct amount chargeable to Railways
(included under Railways)</i> | —7,387,200 |

The first of these is the fact that the information system is not a static entity, but a dynamic one. It is constantly changing and evolving, and its structure and content are subject to change. This is due to the fact that the information system is a reflection of the social and cultural environment in which it operates. As the environment changes, the information system must also change in order to remain relevant and useful. This is why it is important to have a flexible and adaptable information system that can respond to changing requirements and circumstances.

The second of these is the fact that the information system is a complex entity, involving many different components and processes. It is not simply a collection of data and information, but a system that integrates these elements in a way that allows them to be used effectively. This requires a high degree of coordination and collaboration between different parts of the system, and between the system and its users. It is also important to have a clear understanding of the system's purpose and objectives, and to ensure that all components and processes are designed to support these goals. This is why it is important to have a well-defined and structured information system that is easy to use and understand.

CONCLUSION

The information system is a complex and dynamic entity that is constantly changing and evolving. It is a reflection of the social and cultural environment in which it operates, and it must be able to respond to changing requirements and circumstances. It is important to have a flexible and adaptable information system that can respond to changing requirements and circumstances.

Deduct amount chargeable to Irrigation

| | |
|---|------------|
| (<i>included under Irrigaion</i>) | —1,359,800 |
| Interest on Ordinary Debt | 599,100 |
| Interest on other obligations (Savings. | |
| Banks Balances, the Service Funds &c) | 710,900 |
| Total ... | 1,310,000 |

*Interest Receipts on loans &c. in England
and India*

—1,287,300

Net Interest Payments other than those
chargeable to Railways and Irrigation 22,700

The expenditure on the Military services does not call for any comment here. The charges shown as incurred on account of the collection of revenue include the cost of district administration, of the department of land records, and of survey and settlement operations. The cost of collection of the land revenue constitutes over 60 per cent. of the total. The expenditure on civil departments has been steadily growing, there being an increase of 76 per cent. during the ten years 1901-1911. The charges for the several departments are exhibited in the following table:—

1911-12. BUDGET, 1913-14.

| | £ | £ |
|---|------------|------------|
| General administration ... | 2,626,241 | 1,938,900 |
| Law Courts and Jails ... | 3,247,714 | 3,336,000 |
| Police ... | 4,480,239 | 4,815,600 |
| Ports and Pilotage ... | 29,953 | 39,100 |
| Education ... | 1,815,579 | 3,847,200 |
| Ecclesiastical ... | 124,488 | 129,200 |
| Medical ... | 1,088,643 | 1,947,200 |
| Political ... | 968,158 | 1,079,000 |
| Scientific and Minor
Departments ... | 847,020 | 995,600 |
| Total ... | 15,228,035 | 18,127,800 |

Deduct amount chargeable to Irrigation

| | |
|---|------------|
| (<i>included under Irrigaion</i>) | —1,359,800 |
| Interest on Ordinary Debt | 599,100 |
| Interest on other obligations (Savings. | |
| Banks Balances, the Service Funds &c) | 710,900 |
| Total ... | 1,310,000 |

*Interest Receipts on loans &c. in England
and India*

—1,287,300

Net Interest Payments other than those
chargeable to Railways and Irrigation 22,700

The expenditure on the Military services does not call for any comment here. The charges shown as incurred on account of the collection of revenue include the cost of district administration, of the department of land records, and of survey and settlement operations. The cost of collection of the land revenue constitutes over 60 per cent. of the total. The expenditure on civil departments has been steadily growing, there being an increase of 76 per cent. during the ten years 1901-1911. The charges for the several departments are exhibited in the following table:—

1911-12. BUDGET, 1913-14.

| | £ | £ |
|---|------------|------------|
| General administration ... | 2,626,241 | 1,938,900 |
| Law Courts and Jails ... | 3,247,714 | 3,336,000 |
| Police ... | 4,480,239 | 4,815,600 |
| Ports and Pilotage ... | 29,953 | 39,100 |
| Education ... | 1,815,579 | 3,847,200 |
| Ecclesiastical ... | 124,488 | 129,200 |
| Medical ... | 1,088,643 | 1,947,200 |
| Political ... | 968,158 | 1,079,000 |
| Scientific and Minor
Departments ... | 847,020 | 995,600 |
| Total ... | 15,228,035 | 18,127,800 |

The charge for general administration represents the cost of the whole civil administration down to the grade of Commissioners of Divisions. Under that head are included charges on account of the India Office, and of the Viceroy, the Governors, Lieutenant Governors and Councils in India. The large figure under General Administration in 1911-12 is mainly due to the special provision for civil expenditure in connection with the Coronation Durbar. The increase of £ 2,000,000 in two years on education is noteworthy. The item of miscellaneous civil charges is made up of civil furlough and absentee allowances, super-annuation allowances and pensions and stationery and printing. The civil works expenditure is mainly the outlay on roads and buildings, and is mostly incurred by Provincial Governments. Before the famine of 1876-78, no special measures were taken to meet the financial obligations imposed by the periodic recurrence of famine. But the experience of those years of stress convinced Government of the desirability of providing an annual sum of Rs. 1½ crores for the purposes of 'famine relief and insurance.' Since that time this amount has been regularly appropriated for the above purpose. Direct famine relief, whenever it is wanted, is the first charge upon that sum. When this outlay is less than the sum appropriated, the balance is used (1) for the construction or maintenance of protective railway and irrigation works, and (2) for the construction of productive public works, which would otherwise require additional borrowing. The amount used for the last mentioned purpose is shown under the head of "Reduction or Avoidance of Debt." The budget for 1913-14 distributes the amount thus:—

| | | | | |
|--------------------------------|-----|-----|-----|------------------|
| Direct Famine Relief | ... | ... | ... | 46,600 |
| Protective Railways | ... | ... | ... | 8,600 |
| Protective Irrigation Works | ... | ... | ... | 491,400 |
| Reduction or avoidance of debt | ... | ... | ... | 453,400 |
| Total | | | | 1,000,000 |

The charge for general administration represents the cost of the whole civil administration down to the grade of Commissioners of Divisions. Under that head are included charges on account of the India Office, and of the Viceroy, the Governors, Lieutenant Governors and Councils in India. The large figure under General Administration in 1911-12 is mainly due to the special provision for civil expenditure in connection with the Coronation Durbar. The increase of £ 2,000,000 in two years on education is noteworthy. The item of miscellaneous civil charges is made up of civil furlough and absentee allowances, super-annuation allowances and pensions and stationery and printing. The civil works expenditure is mainly the outlay on roads and buildings, and is mostly incurred by Provincial Governments. Before the famine of 1876-78, no special measures were taken to meet the financial obligations imposed by the periodic recurrence of famine. But the experience of those years of stress convinced Government of the desirability of providing an annual sum of Rs. 1½ crores for the purposes of 'famine relief and insurance.' Since that time this amount has been regularly appropriated for the above purpose. Direct famine relief, whenever it is wanted, is the first charge upon that sum. When this outlay is less than the sum appropriated, the balance is used (1) for the construction or maintenance of protective railway and irrigation works, and (2) for the construction of productive public works, which would otherwise require additional borrowing. The amount used for the last mentioned purpose is shown under the head of "Reduction or Avoidance of Debt." The budget for 1913-14 distributes the amount thus:—

| | | | | |
|--------------------------------|-----|-----|-----|-----------|
| Direct Famine Relief | ... | ... | ... | 46,600 |
| Protective Railways | ... | ... | ... | 8,600 |
| Protective Irrigation Works | ... | ... | ... | 491,400 |
| Reduction or avoidance of debt | ... | ... | ... | 453,400 |
| | | | | <hr/> |
| Total | ... | ... | ... | 1,000,000 |

"Under the arrangements now in force, expenditure on famine relief is borne partly, if not entirely, by Imperial Revenues. The scheme enables each Local Government whose Province is liable to famine, to build up gradually a fund to be held to its credit by the Imperial Government, on which it is at liberty to draw when expenditure on famine relief becomes necessary. For this purpose the Local Governments in question are now annually credited with fixed sums. When famine occurs, the Local Government is entitled to draw upon the amount standing to its credit to meet its famine expenditure, and charges thus incurred are shown in the accounts of the Government of India as Imperial expenditure. In the event of the amount at credit being exhausted owing to widespread or severe famine, any further expenditure on famine relief is shared between the Government of India and the Local Government, either equally or in such proportions as may be determined when the circumstances arise."*

Out of the total net expenditure of India in this country and in England, the net expenditure in England, chargeable on the revenues of the year, amounted, in 1911-12 to £18,865,246. 'These charges annually incurred in England on behalf of India are called 'Home Charges'. Their general character will be apparent from the following figures for 1911-12.

| | £ |
|--|----------------|
| Interest and management of debt, and payment of interest and annuities on account of railways and irrigation works | ... 10,768,754 |
| Payment in connection with Civil Departments in India | ... 233,672 |
| India Office (excluding pensions) | ... 184,870 |
| Army and Marine effective charges | ... 1,016,597 |
| Stores of all kinds charged against revenue | ... 1,191,371 |
| Furlough allowances | ... 988,853 |
| Non-effective charges (pensions and gratuities) | ... 4,481,129 |
| Total | ... 18,865,246 |

* East India: Accounts and Estimates, 1913-14.

"Under the arrangements now in force, expenditure on famine relief is borne partly, if not entirely, by Imperial Revenues. The scheme enables each Local Government whose Province is liable to famine, to build up gradually a fund to be held to its credit by the Imperial Government, on which it is at liberty to draw when expenditure on famine relief becomes necessary. For this purpose the Local Governments in question are now annually credited with fixed sums. When famine occurs, the Local Government is entitled to draw upon the amount standing to its credit to meet its famine expenditure, and charges thus incurred are shown in the accounts of the Government of India as Imperial expenditure. In the event of the amount at credit being exhausted owing to widespread or severe famine, any further expenditure on famine relief is shared between the Government of India and the Local Government, either equally or in such proportions as may be determined when the circumstances arise."*

Out of the total net expenditure of India in this country and in England, the net expenditure in England, chargeable on the revenues of the year, amounted, in 1911-12 to £18,865,246. 'These charges annually incurred in England on behalf of India are called 'Home Charges'. Their general character will be apparent from the following figures for 1911-12.

| | £ |
|--|----------------|
| Interest and management of debt, and payment of interest and annuities on account of railways and irrigation works | ... 10,768,754 |
| Payment in connection with Civil Departments in India | ... 233,672 |
| India Office (excluding pensions) | ... 184,870 |
| Army and Marine effective charges | ... 1,016,597 |
| Stores of all kinds charged against revenue | ... 1,191,371 |
| Furlough allowances | ... 988,853 |
| Non-effective charges (pensions and gratuities) | ... 4,481,129 |
| Total | ... 18,865,246 |

* East India: Accounts and Estimates, 1913-14.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

...and the

...the ...

[illegible]

TABLE 1

The bulk of the expenditure, it will be seen, is in respect of payments on account of capital and materials supplied by England and the remaining has reference to the maintenance of the India Office, allowances and pensions to civil and military officers and so forth. The Home expenditure is not defrayed by the actual remittance of the amounts but by the sale by the Secretary of State of Council bills (or telegraphic transfers) which have a great demand in England, because it is through them that British merchants and bankers can conveniently make payments in India for the normal excess of Indian exports over imports. The sale of Council bills is not, however, limited to the needs of the India Office, but is usually much in excess of them. On account of the continuous depreciation of the price of silver and the consequent confusion and loss caused to the Government of India, the price of the rupee was artificially fixed as 16d. and the mints were closed to private coinage. The Government of India has to make its payments in England in gold and as the price of silver went down, it had to pay more in proportion. This difficulty was removed by the fixity of exchange brought about as above indicated, in 1899. When Government coins new rupees, as it has to do almost from year to year to maintain a steady and adequate supply of the metallic currency, the difference between the artificial or face-value of the rupee and the value of the silver it actually contains, is set apart as a kind of reserve fund called the Gold Standard Reserve Fund. The total amount of this reserve including receipts on account of interest now amounts to more than £ 19 millions, a large part of which is invested in securities. The Reserve Fund is intended to enable Government to support exchange in times of emergency when the balance of trade goes against India. It is intended eventually to raise the gold fund to £ 25 millions.

The bulk of the expenditure, it will be seen, is in respect of payments on account of capital and materials supplied by England and the remaining has reference to the maintenance of the India Office, allowances and pensions to civil and military officers and so forth. The Home expenditure is not defrayed by the actual remittance of the amounts but by the sale by the Secretary of State of Council bills (or telegraphic transfers) which have a great demand in England, because it is through them that British merchants and bankers can conveniently make payments in India for the normal excess of Indian exports over imports. The sale of Council bills is not, however, limited to the needs of the India Office, but is usually much in excess of them. On account of the continuous depreciation of the price of silver and the consequent confusion and loss caused to the Government of India, the price of the rupee was artificially fixed as 16d. and the mints were closed to private coinage. The Government of India has to make its payments in England in gold and as the price of silver went down, it had to pay more in proportion. This difficulty was removed by the fixity of exchange brought about as above indicated, in 1899. When Government coins new rupees, as it has to do almost from year to year to maintain a steady and adequate supply of the metallic currency, the difference between the artificial or face-value of the rupee and the value of the silver it actually contains, is set apart as a kind of reserve fund called the Gold Standard Reserve Fund. The total amount of this reserve including receipts on account of interest now amounts to more than £ 19 millions, a large part of which is invested in securities. The Reserve Fund is intended to enable Government to support exchange in times of emergency when the balance of trade goes against India. It is intended eventually to raise the gold fund to £ 25 millions.

The procedure followed in the matter of the Financial Statement and the Budget in the Imperial and Provincial Legislative Councils has been described in another chapter and need not be referred to here again. The administration of Imperial and Provincial finance is under the control of the Finance Department of the Government of India. Though the management of the divided heads of revenue is vested in the Local Governments it is supervised by the Finance Department which directly controls the expenditure in connection with Imperial items and administers the Mint. The Department deals likewise with questions connected with salaries, leave and pensions of officers and with currency and banking. The financial administration of the Army is entrusted to a separate branch of the Department. The Accounts Department manages the civil accounts of both the Supreme and the Provincial Governments and has at its head the Comptroller and Auditor General in whose office all the accounts of the country are brought together and compiled. The accounts of the Local Governments are kept by the Provincial Accountants-General who also look to the accounts of Imperial receipts and expenditure within the provinces. Each district has a treasury at the headquarters where revenues are received and local payments made. It is the duty of the Account officers to see that no payment is made except upon proper authority and a further check is provided by the supervision of the staff of the Comptroller and Auditor General.

The procedure followed in the matter of the Financial Statement and the Budget in the Imperial and Provincial Legislative Councils has been described in another chapter and need not be referred to here again. The administration of Imperial and Provincial finance is under the control of the Finance Department of the Government of India. Though the management of the divided heads of revenue is vested in the Local Governments it is supervised by the Finance Department which directly controls the expenditure in connection with Imperial items and administers the Mint. The Department deals likewise with questions connected with salaries, leave and pensions of officers and with currency and banking. The financial administration of the Army is entrusted to a separate branch of the Department. The Accounts Department manages the civil accounts of both the Supreme and the Provincial Governments and has at its head the Comptroller and Auditor General in whose office all the accounts of the country are brought together and compiled. The accounts of the Local Governments are kept by the Provincial Accountants-General who also look to the accounts of Imperial receipts and expenditure within the provinces. Each district has a treasury at the headquarters where revenues are received and local payments made. It is the duty of the Account officers to see that no payment is made except upon proper authority and a further check is provided by the supervision of the staff of the Comptroller and Auditor General.

CHAPTER IX.

LAND REVENUE.

THE land tax is the most fruitful, though not a rapidly growing, source of income to the State in India and contributes about 33 per cent. of the total net revenue of British India. This method of raising revenue, viz. taking from the cultivator of the soil a certain share of the produce of the land cultivated seems to have been in vogue in this country even in very early times. A sixth part of the gross produce was taken as the portion of the ruler which was afterwards raised to one-third. The system of collecting land revenue in kind from each cultivator must have obviously proved inconvenient and the cash system was introduced in its place. The share of the State in the produce of every field could not also be left to be determined at each harvest, and some definite measure or rate must have been laid down in each case. Under Akbar an elaborate system of land revenue administration was introduced, lands were surveyed and classified, the average productive capacity of the different fields was ascertained by careful calculations and the State demand for each field was fixed, to be altered according to exigencies. This land revenue settlement was by no means permanent and fresh assessments could be made from time to time to suit the varying conditions. Such a system of assessment, settlement and collection of land revenue requires for its success a strong central Government and an efficient administration in the districts. But the disturbed conditions which prevailed in India throughout the latter part of the 17th and the whole of the 18th century, disorganized the arrangements in connection with land revenue and farming was extensively resorted

CHAPTER IX.

LAND REVENUE.

THE land tax is the most fruitful, though not a rapidly growing, source of income to the State in India and contributes about 33 per cent. of the total net revenue of British India. This method of raising revenue, viz. taking from the cultivator of the soil a certain share of the produce of the land cultivated seems to have been in vogue in this country even in very early times. A sixth part of the gross produce was taken as the portion of the ruler which was afterwards raised to one-third. The system of collecting land revenue in kind from each cultivator must have obviously proved inconvenient and the cash system was introduced in its place. The share of the State in the produce of every field could not also be left to be determined at each harvest, and some definite measure or rate must have been laid down in each case. Under Akbar an elaborate system of land revenue administration was introduced, lands were surveyed and classified, the average productive capacity of the different fields was ascertained by careful calculations and the State demand for each field was fixed, to be altered according to exigencies. This land revenue settlement was by no means permanent and fresh assessments could be made from time to time to suit the varying conditions. Such a system of assessment, settlement and collection of land revenue requires for its success a strong central Government and an efficient administration in the districts. But the disturbed conditions which prevailed in India throughout the latter part of the 17th and the whole of the 18th century, disorganized the arrangements in connection with land revenue and farming was extensively resorted

to. At the outset the revenue farmers were subjected to a variety of checks and were controlled by the central authorities so as to minimise the chances of rackrenting and oppression. But with the relaxation of the control of the Government, which was inevitable in times of war and confusion, the revenue farmers became powerful and independent. 'As the authority of the Emperor grew less and less, so the local Governors of Bengal, Oudh &c. became more and more independent of the Court of Delhi; but they also became more careless of the details of administration; and as usual, when bad Government is rife, the treasuries became empty; and then the revenue farmers were the only persons who could be looked to for money. They naturally felt that they were indispensable, and enlarged their pretensions accordingly. They were left more and more unchecked, and the sums they had to pay became more and more a matter of bargain. The official organization for land revenue control disappeared or was only retained in name and quite under the Zamindar's (Revenue Farmer's) influence. The Zamindars, in fact, did just as they pleased, and made the villagers pay whatever they demanded or whatever they could extract from them.'*

Baden-Powell thus summarises the position with reference to land revenue at the end of the 18th Century. "In Bengal (and the same is true of other parts when districts came under British rule), the land revenue had for generations past been levied in cash payments; its assessment (often by contract for the year) was determined on no known principle. All traces of a share in the produce, and the valuation of that share in money, had long disappeared. The sum actually paid into the Treasury was just as much of the total collections as the Zamindar could not avoid paying. The sums received through the petty estate-holders or

* Land Revenue in British India by B. H. Baden-Powell.

to. At the outset the revenue farmers were subjected to a variety of checks and were controlled by the central authorities so as to minimise the chances of rackrenting and oppression. But with the relaxation of the control of the Government, which was inevitable in times of war and confusion, the revenue farmers became powerful and independent. 'As the authority of the Emperor grew less and less, so the local Governors of Bengal, Oudh &c. became more and more independent of the Court of Delhi; but they also became more careless of the details of administration; and as usual, when bad Government is rife, the treasuries became empty; and then the revenue farmers were the only persons who could be looked to for money. They naturally felt that they were indispensable, and enlarged their pretensions accordingly. They were left more and more unchecked, and the sums they had to pay became more and more a matter of bargain. The official organization for land revenue control disappeared or was only retained in name and quite under the Zamindar's (Revenue Farmer's) influence. The Zamindars, in fact, did just as they pleased, and made the villagers pay whatever they demanded or whatever they could extract from them.'*

Baden-Powell thus summarises the position with reference to land revenue at the end of the 18th Century. "In Bengal (and the same is true of other parts when districts came under British rule), the land revenue had for generations past been levied in cash payments; its assessment (often by contract for the year) was determined on no known principle. All traces of a share in the produce, and the valuation of that share in money, had long disappeared. The sum actually paid into the Treasury was just as much of the total collections as the Zamindar could not avoid paying. The sums received through the petty estate-holders or

* Land Revenue in British India by B. H. Baden-Powell.

The first of these is the fact that the Government has not yet decided whether it will continue to support the policy of non-alignment. It is true that the Government has stated that it will continue to support this policy, but it has not yet decided whether it will continue to support this policy in the future. This is a very important question, and it is one that the Government must decide soon. The second of these is the fact that the Government has not yet decided whether it will continue to support the policy of non-alignment. It is true that the Government has stated that it will continue to support this policy, but it has not yet decided whether it will continue to support this policy in the future. This is a very important question, and it is one that the Government must decide soon. The third of these is the fact that the Government has not yet decided whether it will continue to support the policy of non-alignment. It is true that the Government has stated that it will continue to support this policy, but it has not yet decided whether it will continue to support this policy in the future. This is a very important question, and it is one that the Government must decide soon.

The fourth of these is the fact that the Government has not yet decided whether it will continue to support the policy of non-alignment. It is true that the Government has stated that it will continue to support this policy, but it has not yet decided whether it will continue to support this policy in the future. This is a very important question, and it is one that the Government must decide soon. The fifth of these is the fact that the Government has not yet decided whether it will continue to support the policy of non-alignment. It is true that the Government has stated that it will continue to support this policy, but it has not yet decided whether it will continue to support this policy in the future. This is a very important question, and it is one that the Government must decide soon. The sixth of these is the fact that the Government has not yet decided whether it will continue to support the policy of non-alignment. It is true that the Government has stated that it will continue to support this policy, but it has not yet decided whether it will continue to support this policy in the future. This is a very important question, and it is one that the Government must decide soon.

It is clear that the Government has not yet decided whether it will continue to support the policy of non-alignment.

It is clear that the Government has not yet decided whether it will continue to support the policy of non-alignment.

through the village headman from the cultivators were levied at certain rates spoken of as 'pargana rates'. They were supposed to be rates fixed at the last formal assessment but modified by those subsequent compromises of which I have spoken. But these rates varied from place to place and were levied with various additions and impositions as the Zamindar chose or was able to levy." Zamindars such as those recognized by the British Government in Bengal as full proprietors of the bulk of the land there, had not secured a strong hold elsewhere except in parts of the North Western Provinces and of Madras. Various forms of land tenure prevailed in the other provinces differing from one another in material respects, and the development of the present systems was a work of years and continuous and strenuous labour. No one description will answer to the land revenue system and administration of British India and it has therefore been characterized 'as a sort of mysterious craft which no outsider could presume to understand. It may be generally said that the land revenue assessment is based either upon certain rates levied in the past and enhanced and calculated from time to time on a consideration of the rise in prices and such other circumstances or, where there are landlords and tenants, on the rates which tenants are found actually to pay. 'To put it more shortly, modern land revenue is either an empirical but nicely graduated rate per acre of each kind of soil, or it is a fraction of the actual rental assets of an estate treated as a whole.'

The question, whether land revenue is a 'tax' or a 'rent' has been much debated, and there is a sharp difference of opinion on the subject. It is contended that in pre-British days, the ruler used to take from the cultivator, with whom he dealt directly, the whole economic rent of his land; and that the British Government having stepped into the place of the proprietor became entitled to the economic rent. To bring out a marked distinction between

through the village headman from the cultivators were levied at certain rates spoken of as 'pargana rates'. They were supposed to be rates fixed at the last formal assessment but modified by those subsequent compromises of which I have spoken. But these rates varied from place to place and were levied with various additions and impositions as the Zamindar chose or was able to levy." Zamindars such as those recognized by the British Government in Bengal as full proprietors of the bulk of the land there, had not secured a strong hold elsewhere except in parts of the North Western Provinces and of Madras. Various forms of land tenure prevailed in the other provinces differing from one another in material respects, and the development of the present systems was a work of years and continuous and strenuous labour. No one description will answer to the land revenue system and administration of British India and it has therefore been characterized 'as a sort of mysterious craft which no outsider could presume to understand. It may be generally said that the land revenue assessment is based either upon certain rates levied in the past and enhanced and calculated from time to time on a consideration of the rise in prices and such other circumstances or, where there are landlords and tenants, on the rates which tenants are found actually to pay. 'To put it more shortly, modern land revenue is either an empirical but nicely graduated rate per acre of each kind of soil, or it is a fraction of the actual rental assets of an estate treated as a whole.'

The question whether land revenue is a 'tax' or a 'rent' has been much debated, and there is a sharp difference of opinion on the subject. It is contended that in pre-British days, the ruler used to take from the cultivator, with whom he dealt directly, the whole economic rent of his land; and that the British Government having stepped into the place of the proprietor became entitled to the economic rent. To bring out a marked distinction between

the Indian land tenure and those of other countries, it is pointed out that whereas in most countries the land tenure is an assignment from the rent made by the land-owners to the Government, in India the net rent is historically speaking, a relinquishment of a part of the profits of land by the Government to the land-owners. In the Rayatwari or temporarily settled districts the Government deals directly with the cultivators and claims from them in its capacity of the proprietor the rent which would otherwise go to the private land-lord if there were one. Even where there are intermediaries between the Government and the cultivators, those Zamindars are only allowed to collect the rents and when paying the proceeds to the State, to retain a small proportion for their own use which may be regarded as fees or perquisites rather than as rent in the proper sense of the word. Baden-Powell does not favour this theory and observes that the British Government has everywhere conferred or recognized a private right in land, and in large areas of the country it has expressly declared the proprietary rights of the land-lords and the village owners. These land-lords cannot be regarded as tenants of the State, and the revenue they pay to it cannot be called rent. The Government does perform certain functions of a land-lord and its claim to revenue from land is inexpugnable subject to the right of the cultivator to occupy and dispose of his land in any way he chooses. It is this fact that has lent colour to the rent-theory. Baden-Powell states that 'practically, the discussion is a profitless war of words, and we may be content to speak of the land revenue as a thing *per se*. It operates as a tax on agricultural incomes—a contribution to the State out of the profits of land-cultivation, just as the income-tax is a contribution out of the proceeds of other industries and occupations.' The Government does not claim to take the unearned increment or the whole of what remains after the wages of the labour or cost of cultivation and profits of capital have been ac-

[illegible]

the Indian land tenure and those of other countries, it is pointed out that whereas in most countries the land tenure is an assignment from the rent made by the land-owners to the Government, in India the net rent is historically speaking, a relinquishment of a part of the profits of land by the Government to the land-owners. In the Rayatwari or temporarily settled districts the Government deals directly with the cultivators and claims from them in its capacity of the proprietor the rent which would otherwise go to the private land-lord if there were one. Even where there are intermediaries between the Government and the cultivators, those Zamindars are only allowed to collect the rents and when paying the proceeds to the State, to retain a small proportion for their own use which may be regarded as fees or perquisites rather than as rent in the proper sense of the word. Baden-Powell does not favour this theory and observes that the British Government has everywhere conferred or recognized a private right in land, and in large areas of the country it has expressly declared the proprietary rights of the land-lords and the village owners. These land-lords cannot be regarded as tenants of the State, and the revenue they pay to it cannot be called rent. The Government does perform certain functions of a land-lord and its claim to revenue from land is inexpugnable subject to the right of the cultivator to occupy and dispose of his land in any way he chooses. It is this fact that has lent colour to the rent-theory. Baden-Powell states that 'practically, the discussion is a profitless war of words, and we may be content to speak of the land revenue as a thing *per se*. It operates as a tax on agricultural incomes—a contribution to the State out of the profits of land-cultivation, just as the income-tax is a contribution out of the proceeds of other industries and occupations.' The Government does not claim to take the unearned increment or the whole of what remains after the wages of the labour or cost of cultivation and profits of capital have been ac-

counted for and even in the temporarily settled lands, the land revenue charge is more of the nature of a tax on agricultural incomes.

This is not, however, a point of mere academic interest as is likely to be supposed; it has a vital bearing on the land revenue policy of the State in India. There are authoritative declarations made on this question emphatically repudiating the doctrine of State proprietorship and affirming the principle that the land assessment is revenue and not rent. The Government of India itself has declared that 'it has been one of the great objects of all the successive Governments of India since the days of Lord Cornwallis, if not to create property in land, at all events to secure and fortify and develop it to the utmost. The Government undoubtedly is the owner of a first charge, the amount of which is fixed by itself on the produce of all revenue-paying land in India: but over the greater part of the Indian Empire, it is no more the owner of the cultivated land than the owner of a rent charge in England is the owner of the land upon which it is charged.' In spite of these emphatic declarations, the tax theory is often put forth and used in practice to defend the action of the State in limiting the proprietary right of the rayats and introducing the restricted or non-alienable tenure in this Presidency and the Punjab. If the theory of State-land-lordism is accepted, 'two results will legitimately follow :—(a) the land-lords will sink into the position of a merely superior kind of tenants, and (b) the Government will be justified in demanding as its revenue the whole of the economic rent.*' "Should the rent theory, unfortunately ever come to obtain general concurrence and govern our land revenue administration, it must follow as a logical '*sequitur*'—

* Study of Indian Economics: Prof. Pramathanath Banerjee.

counted for and even in the temporarily settled lands, the land revenue charge is more of the nature of a tax on agricultural incomes.

This is not, however, a point of mere academic interest as is likely to be supposed; it has a vital bearing on the land revenue policy of the State in India. There are authoritative declarations made on this question emphatically repudiating the doctrine of State proprietorship and affirming the principle that the land assessment is revenue and not rent. The Government of India itself has declared that 'it has been one of the great objects of all the successive Governments of India since the days of Lord Cornwallis, if not to create property in land, at all events to secure and fortify and develop it to the utmost. The Government undoubtedly is the owner of a first charge, the amount of which is fixed by itself on the produce of all revenue-paying land in India: but over the greater part of the Indian Empire, it is no more the owner of the cultivated land than the owner of a rent charge in England is the owner of the land upon which it is charged.' In spite of these emphatic declarations, the tax theory is often put forth and used in practice to defend the action of the State in limiting the proprietary right of the rayats and introducing the restricted or non-alienable tenure in this Presidency and the Punjab. If the theory of State-land-lordism is accepted, 'two results will legitimately follow :—(a) the land-lords will sink into the position of a merely superior kind of tenants, and (b) the Government will be justified in demanding as its revenue the whole of the economic rent.*' "Should the rent theory, unfortunately ever come to obtain general concurrence and govern our land revenue administration, it must follow as a logical '*sequitur*'—

* Study of Indian Economics: Prof. Pramathanath Banerjee.

as pointed out by the late Lord Salisbury in his weighty minute on Indian land revenue dated 29th April, 1875—that Government is in strictness, entitled to all that remains of the produce of the soil after the wages and profits are paid, and the aim of the land revenue policy of the State would be to continually force up the assessments to the highest pitch attainable, leaving the cultivator little more than a bare subsistence, if even that much.”*

It has been said above that there is an infinite variety of land tenure in India, and the existing landlord rights and other rights in land have been acquired by their possessors in a variety of ways. During the last century the British Government has closely scrutinized the title and the status of the holders such as the Zamindars, the Talukdars of Oudh and Gujarat, Jahagirdars, Watandars, Inamdars, Khots, Pollegars, Malguzars and Tenants and Sub-tenants, and their position and rights have now been definitely established, in many cases, with the help of legislation. The proprietary rights in land are vested in varying degrees in Government, land-lords and cultivators. Thus in many cases the State is the direct owner of lands. In the temporarily settled parts of British India, the cultivator is really the proprietor subject to the obligation of paying revenue to the Government. Then in the Zamindar of Bengal, we have a typical example of a proprietor who stands between the State on the one side and the actual cultivator on the other. In his place there are sometimes two grades of proprietors instead of one and in certain cases sub-proprietary rights have also been recognized by Government. With the nature of the land tenure, and determined by it, is bound up the form of settlement, as also the method of assessment. Three prin-

* Hon'ble Mr. G. V. Joshi's Speeches, Page 574.

The results of the present study suggest that the prevalence of intimate partner violence is higher among women who are currently in a relationship than among those who are not. This finding is consistent with previous research (e.g., Johnson, 1995; O'Leary, 1992) and suggests that the prevalence of intimate partner violence is higher among women who are currently in a relationship than among those who are not. This finding is consistent with previous research (e.g., Johnson, 1995; O'Leary, 1992) and suggests that the prevalence of intimate partner violence is higher among women who are currently in a relationship than among those who are not.



Figure 1. Relationship between frequency of intimate partner violence and frequency of psychological distress.

as pointed out by the late Lord Salisbury in his weighty minute on Indian land revenue dated 29th April, 1875—that Government is in strictness, entitled to all that remains of the produce of the soil after the wages and profits are paid, and the aim of the land revenue policy of the State would be to continually force up the assessments to the highest pitch attainable, leaving the cultivator little more than a bare subsistence, if even that much.”*

It has been said above that there is an infinite variety of land tenure in India, and the existing landlord rights and other rights in land have been acquired by their possessors in a variety of ways. During the last century the British Government has closely scrutinized the title and the status of the holders such as the Zamindars, the Talukdars of Oudh and Gujarat, Jahagirdars, Watandars, Inamdars, Khots, Pollegars, Malguzars and Tenants and Sub-tenants, and their position and rights have now been definitely established, in many cases, with the help of legislation. The proprietary rights in land are vested in varying degrees in Government, land-lords and cultivators. Thus in many cases the State is the direct owner of lands. In the temporarily settled parts of British India, the cultivator is really the proprietor subject to the obligation of paying revenue to the Government. Then in the Zamindar of Bengal, we have a typical example of a proprietor who stands between the State on the one side and the actual cultivator on the other. In his place there are sometimes two grades of proprietors instead of one and in certain cases sub-proprietary rights have also been recognized by Government. With the nature of the land tenure, and determined by it, is bound up the form of settlement, as also the method of assessment. Three prin-

* Hon'ble Mr. G. V. Joshi's Speeches, Page 574.

cipal species of settlement may be distinguished, and to these three classes may be assigned the various kinds of settlement prevalent in the different parts of the country: (1) Settlement for single estates under one landlord. In this category are included the settlement with Zamindars, *i. e.* the Permanent Settlement of Bengal and North Madras; the settlement (temporary) in Bengal of estates and districts not subject to the Permanent Settlement and the settlement with Talukdars in Oudh. (2) Settlement for estates of proprietary bodies, usually village communities. These are called 'Mauzawar' or 'Mahalwar' settlements. This class includes the settlement of the United Provinces of Agra and Oudh (including Oudh for villages that are not under Talukdars); Settlement of the Central Provinces called the 'Malguzari' settlement; and settlement of the Punjab; (3) Settlement for individual occupancies or holdings which class comprises the Rayatwari systems of Bombay, Madras and Berar and certain special systems of Burma, Assam and Coorg. But there is a better known and more convenient classification of the settlements, *viz.* the 'Permanent' or *Zamindari* and the 'temporary' or *Rayatwari*: "When the revenue is assessed by the State, permanently or temporarily, on an individual or community owning an estate, and occupying a position identical with, or analogous to that of a landlord, the assessment is known as *Zamindari*; where the revenue is imposed on individuals who are or who represent the actual occupants of holdings, the assessment is known as *Rayatwari*. Under either system there may be rent-paying subtenants. In Southern India, where most of the land is held by petty occupiers direct from the State, the occupiers have the right to retain their holdings so long as they pay the revenue due from them. In both the permanently and temporarily settled districts of Northern India, laws have been passed to safeguard tenant rights. The permanently settled districts, in which all holdings are *Zamindari*, cover

cial species of settlement may be distinguished; and to these three classes may be assigned the various kinds of settlement prevalent in the different parts of the country: (1) Settlement for single estates under one landlord. In this category are included the settlement with Zamindars, *i. e.* the Permanent Settlement of Bengal and North Madras; the settlement (temporary) in Bengal of estates and districts not subject to the Permanent Settlement and the settlement with Talukdars in Oudh. (2) Settlement for estates of proprietary bodies, usually village communities. These are called 'Mauzawar' or 'Mahalwar' settlements. This class includes the settlement of the United Provinces of Agra and Oudh (including Oudh for villages that are not under Talukdars); Settlement of the Central Provinces called the 'Malguzari' settlement; and settlement of the Punjab; (3) Settlement for individual occupancies or holdings which class comprises the Rayatwari systems of Bombay, Madras and Berar and certain special systems of Burma, Assam and Coorg. But there is a better known and more convenient classification of the settlements, *viz.* the 'Permanent' or *Zamindari* and the 'temporary' or *Rayatwari*: "When the revenue is assessed by the State, permanently or temporarily, on an individual or community owning an estate, and occupying a position identical with, or analogous to that of a landlord, the assessment is known as *Zamindari*; where the revenue is imposed on individuals who are or who represent the actual occupants of holdings, the assessment is known as *Rayatwari*. Under either system there may be rent-paying subtenants. In Southern India, where most of the land is held by petty occupiers direct from the State, the occupiers have the right to retain their holdings so long as they pay the revenue due from them. In both the permanently and temporarily settled districts of Northern India, laws have been passed to safeguard tenant rights. The permanently settled districts, in which all holdings are *Zamindari*, cover

most of Bengal and parts of Madras and the United Provinces. As regards temporarily settled districts, Zamindari estates, held by proprietary groups or large individual proprietors, are chiefly found in the Punjab, the United Provinces, the Central Provinces and Orissa while in Bombay and Sind, Burma, Assam, Berar and most parts of Madras, the system of Rayatwari or peasant proprietors, prevails."*

The above distinctions arise from the varying status of the person from whom the revenue is actually demanded. Another broad principle of distinction may be adopted in classifying lands according as the revenue is permanently fixed or is fixed for a period of years only. In 1793 the assessment in Bengal was declared to be fixed in perpetuity, and the settlement then made, with some subsequent additions, constitutes what is known as the Permanent Settlement of Bengal. This system was shortly afterwards extended to the Benares districts, now in the United Provinces, and to certain portions of the Madras Presidency. In this way areas making up altogether about one-fifth of British India are permanently settled. In the remaining areas assessments are fixed for a period of years, the ordinary term being 30 years in Bombay, Madras and the United Provinces and 20 years in the Punjab and Central Provinces. In other parts of the country shorter terms have been permitted. The extent to which the different systems prevail in the various provinces is roughly shown in the following table, the figures

* Moral and Material Progress Report, 1910-11.

most of Bengal and parts of Madras and the United Provinces. As regards temporarily settled districts, Zamindari estates, held by proprietary groups or large individual proprietors, are chiefly found in the Punjab, the United Provinces, the Central Provinces and Orissa while in Bombay and Sind, Burma, Assam, Berar and most parts of Madras, the system of Rayatwari or peasant proprietors, prevails."*

The above distinctions arise from the varying status of the person from whom the revenue is actually demanded. Another broad principle of distinction may be adopted in classifying lands according as the revenue is permanently fixed or is fixed for a period of years only. In 1793 the assessment in Bengal was declared to be fixed in perpetuity, and the settlement then made, with some subsequent additions, constitutes what is known as the Permanent Settlement of Bengal. This system was shortly afterwards extended to the Benares districts, now in the United Provinces, and to certain portions of the Madras Presidency. In this way areas making up altogether about one-fifth of British India are permanently settled. In the remaining areas assessments are fixed for a period of years, the ordinary term being 30 years in Bombay, Madras and the United Provinces and 20 years in the Punjab and Central Provinces. In other parts of the country shorter terms have been permitted. The extent to which the different systems prevail in the various provinces is roughly shown in the following table, the figures

* Moral and Material Progress Report, 1910-11.

including waste and uncultivated as well as cultivated land:—

Figures in Thousands of Acres, omitting 000.

| Province. | Rayatwari
(Peasant &
Proprietors.) | Zamindari (Individual
Proprietors or Village
Communities.) | | Total. |
|-------------------------------------|--|--|--------------------------|----------|
| | | Perma-
nently
settled. | Temporari-
ly settled | |
| Burma | 108,99 | ... | ... | 108,799 |
| Assam | 25,916 | 39,30 | 14,66 | 31,306 |
| Bengal | ... | 38,709 | 10,780 | 49,569 |
| Bihar and Orissa | ... | 41,452 | 11,760 | 53,212 |
| United Provinces | ... | 7,541 | 60,793 | 68,354 |
| Punjab | ... | ... | 62,215 | 62,215 |
| N. W. Frontier Province | ... | ... | 84,38 | 8,438 |
| Bombay | 44,876 | ... | 37,54 | 45,629 |
| Sind | 30,257 | ... | ... | 30,257 |
| Central Provinces | 1,837 | ... | 40,639 | 42,476 |
| Berar | 11,327 | ... | .. | 11,327 |
| Madras | 61,577 | 29,179 | .. | 90,756 |
| Ajmer-Merwara | ... | 974 | 797 | 1,771 |
| Coorg and Manpur (in Central India) | 10,44 | ... | .. | 1,044 |
| Total..... | 2,85,633 | 1,21,865 | 2,00,635 | 6,08,133 |

A necessary preliminary to the settlement of the land revenue is the preparation of a cadastral map and the assessment of the revenue to be levied upon each land or estate. This duty is performed by the settlement officer and his staff who are always engaged in preparing and keeping up-to-date a full record about lands, their boundaries and so on. Every tract of land, every village and field is surveyed and inspected and the land revenue thereon is carefully assessed.

including waste and uncultivated as well as cultivated land:—

Figures in Thousands of Acres, omitting 000.

| Province. | Rayatwari
(Peasant &
Proprietors.) | Zamindari (Individual
Proprietors or Village
Communities.) | | Total. |
|-------------------------------------|--|--|--------------------------|----------|
| | | Perma-
nently
settled. | Temporari-
ly settled | |
| Burma | 108,99 | ... | ... | 108,799 |
| Assam | 25,916 | 39,30 | 14,66 | 31,306 |
| Bengal | ... | 38,709 | 10,780 | 49,569 |
| Bihar and Orissa | ... | 41,452 | 11,760 | 53,212 |
| United Provinces | ... | 7,541 | 60,793 | 68,354 |
| Punjab | ... | ... | 62,215 | 62,215 |
| N. W. Frontier Province | ... | ... | 84,38 | 8,438 |
| Bombay | 44,876 | ... | 37,54 | 45,629 |
| Sind | 30,257 | ... | ... | 30,257 |
| Central Provinces | 1,837 | ... | 40,639 | 42,476 |
| Berar | 11,327 | ... | .. | 11,327 |
| Madras | 61,577 | 29,179 | .. | 90,756 |
| Ajmer-Merwara | ... | 974 | 797 | 1,771 |
| Coorg and Manpur (in Central India) | 10,44 | ... | .. | 1,044 |
| Total..... | 2,85,633 | 1,21,865 | 2,00,635 | 6,08,133 |

A necessary preliminary to the settlement of the land revenue is the preparation of a cadastral map and the assessment of the revenue to be levied upon each land or estate. This duty is performed by the settlement officer and his staff who are always engaged in preparing and keeping up-to-date a full record about lands, their boundaries and so on. Every tract of land, every village and field is surveyed and inspected and the land revenue thereon is carefully assess-

1. NAME _____
 2. ADDRESS _____
 3. CITY _____
 4. STATE _____
 5. ZIP _____

| NAME | ADDRESS | CITY | STATE | ZIP |
|-----------|---------|-------|-------|-------|
| | | | | |
| 1. _____ | _____ | _____ | _____ | _____ |
| 2. _____ | _____ | _____ | _____ | _____ |
| 3. _____ | _____ | _____ | _____ | _____ |
| 4. _____ | _____ | _____ | _____ | _____ |
| 5. _____ | _____ | _____ | _____ | _____ |
| 6. _____ | _____ | _____ | _____ | _____ |
| 7. _____ | _____ | _____ | _____ | _____ |
| 8. _____ | _____ | _____ | _____ | _____ |
| 9. _____ | _____ | _____ | _____ | _____ |
| 10. _____ | _____ | _____ | _____ | _____ |
| 11. _____ | _____ | _____ | _____ | _____ |
| 12. _____ | _____ | _____ | _____ | _____ |
| 13. _____ | _____ | _____ | _____ | _____ |
| 14. _____ | _____ | _____ | _____ | _____ |
| 15. _____ | _____ | _____ | _____ | _____ |
| 16. _____ | _____ | _____ | _____ | _____ |
| 17. _____ | _____ | _____ | _____ | _____ |
| 18. _____ | _____ | _____ | _____ | _____ |
| 19. _____ | _____ | _____ | _____ | _____ |
| 20. _____ | _____ | _____ | _____ | _____ |

21. _____
 22. _____
 23. _____
 24. _____
 25. _____
 26. _____
 27. _____
 28. _____
 29. _____
 30. _____
 31. _____
 32. _____
 33. _____
 34. _____
 35. _____
 36. _____
 37. _____
 38. _____
 39. _____
 40. _____
 41. _____
 42. _____
 43. _____
 44. _____
 45. _____
 46. _____
 47. _____
 48. _____
 49. _____
 50. _____

ed. When the land revenue was permanently assessed and settled in Bengal in 1793, there was no such survey and it was based upon such information as was available. Complete maps of villages such as those described above are not alone enough and a similar full record of the various holdings is essential, and has now been prepared in all the provinces. The record is intended to show the persons from whom the assessment is to be realized and the amount to be realized in each case. The same record or a similar record must show the tenures on which the lands are held and the existing rights in and encumbrances upon them. These records have, of course, to be revised annually or from time to time, so that throughout the country a very extensive and complete system of registration of title by public entry is being thus gradually built up. The introduction of the Record of Rights in this Presidency, has been thus briefly described:—The record prepared by the Survey Department was necessarily a fiscal record the object of which was to show from whom the assessment was due and what that assessment was. It was not a record of rights or title. In course of time it was found that a Record of Rights based on possession, if not on title, was indispensable for the needs of the administration, especially because the occupants in this Presidency, unlike tenants elsewhere, to whom in status they correspond, had an unrestricted right of transfer. The necessity of having such a record was pressed upon this Government by the Government of India and after a great deal of discussion regarding its suitability to this Presidency, it was resolved in 1901, to prepare an initial record designed to show in accurate detail exactly how the land was held, because the revenue records gave only partial and in some respects misleading information on the point. The record was intended to show every right from that of a registered occupant to an annual tenant at will. The experiment so started in selected Talukas was found to be successful showing as it did, that the prepara-

ed. When the land revenue was permanently assessed and settled in Bengal in 1793, there was no such survey and it was based upon such information as was available. Complete maps of villages such as those described above are not alone enough and a similar full record of the various holdings is essential, and has now been prepared in all the provinces. The record is intended to show the persons from whom the assessment is to be realized and the amount to be realized in each case. The same record or a similar record must show the tenures on which the lands are held and the existing rights in and encumbrances upon them. These records have, of course, to be revised annually or from time to time, so that throughout the country a very extensive and complete system of registration of title by public entry is being thus gradually built up. The introduction of the Record of Rights in this Presidency, has been thus briefly described:—‘The record prepared by the Survey Department was necessarily a fiscal record the object of which was to show from whom the assessment was due and what that assessment was. It was not a record of rights or title. In course of time it was found that a Record of Rights based on possession, if not on title, was indispensable for the needs of the administration, especially because the occupants in this Presidency, unlike tenants elsewhere, to whom in status they correspond, had an unrestricted right of transfer. The necessity of having such a record was pressed upon this Government by the Government of India and after a great deal of discussion regarding its suitability to this Presidency, it was resolved in 1901, to prepare an initial record designed to show in accurate detail exactly how the land was held, because the revenue records gave only partial and in some respects misleading information on the point. The record was intended to show every right from that of a registered occupant to an annual tenant at will. The experiment so started in selected Talukas was found to be successful showing as it did, that the prepara-

tion of a Record was possible and would be welcomed by the people.* Act IV of 1903 was passed to give a legal character to this record and to provide for its accurate maintenance. Further steps have been recently taken to render the record more complete and useful by showing in it not only the registered and nominal occupants of a land but the actual occupants as well.

The general principle of land revenue assessment in British India may be taken to be this. The State is supposed to take a definite share of the 'net produce' or 'net assets' of the land. The early cash assessments were based upon the idea that the Government was to take a definite share of the gross produce of the land. At the present moment, however, except in the Bombay Presidency, where the assessment is not fixed in terms of produce at all, the revenue throughout India is assessed so as to represent a share not of the gross, but of the net produce in rayatwari areas and of net assets in Zamindari areas. In Northern India and the Central Provinces, where rent is paid, the state takes a certain share of the rent; in Madras and Burma, where the Government deals directly with the cultivator, the net produce is the surplus of the assumed value of the produce of land over the expenses of cultivation. The proportion of the net assets taken by Government differs in the different provinces; but generally it is approximately one-half. Wherever the Zamindari system prevails the State demand is assessed on the village or estate owned by a single proprietor or by a body of co-sharers. The demand is a definite sum payable either in perpetuity or for a fixed term of years. Under the Rayatwari system, the assessment is on each field as demarkated by the cadastral survey. There are different classes of land based upon soil fertility and other considerations, and the rate of assessment differs according to the class to which the land belongs. As pointed out above, assessments in

* Bombay Administration Report, 1911-12.

tion of a Record was possible and would be welcomed by the people.* Act IV of 1903 was passed to give a legal character to this record and to provide for its accurate maintenance. Further steps have been recently taken to render the record more complete and useful by showing in it not only the registered and nominal occupants of a land but the actual occupants as well.

The general principle of land revenue assessment in British India may be taken to be this. The State is supposed to take a definite share of the 'net produce' or 'net assets' of the land. The early cash assessments were based upon the idea that the Government was to take a definite share of the gross produce of the land. At the present moment, however, except in the Bombay Presidency, where the assessment is not fixed in terms of produce at all, the revenue throughout India is assessed so as to represent a share not of the gross, but of the net produce in rayatwari areas and of net assets in Zamindari areas. In Northern India and the Central Provinces, where rent is paid, the state takes a certain share of the rent; in Madras and Burma, where the Government deals directly with the cultivator, the net produce is the surplus of the assumed value of the produce of land over the expenses of cultivation. The proportion of the net assets taken by Government differs in the different provinces; but generally it is approximately one-half. Wherever the Zamindari system prevails the State demand is assessed on the village or estate owned by a single proprietor or by a body of co-sharers. The demand is a definite sum payable either in perpetuity or for a fixed term of years. Under the Rayatwari system, the assessment is on each field as demarkated by the cadastral survey. There are different classes of land based upon soil fertility and other considerations, and the rate of assessment differs according to the class to which the land belongs. As pointed out above, assessments in

* Bombay Administration Report, 1911-12.

Bombay do not rest upon any calculations of the net produce. Various factors such as prices, selling and mortgage values of land and economic conditions of the area, enter largely into the determination of the assessments. Provision is made in the different provinces for exempting from assessment, permanently or temporarily, increase of income brought about by improvements made by private effort.

When the Dewani of Bengal was obtained by the East India Company, arrangements had to be made for the assessment and collection of land revenue in that province. But the various endeavours made did not give satisfactory results, and after much discussion, Lord Cornwallis decided and the Court of Directors consented to recognize, for various weighty reasons, the old revenue Collectors as the proprietors of lands and the government assessment on them was permanently fixed. Whatever considerations may have been present to the mind of Lord Cornwallis when he settled the land revenue in perpetuity, the Permanent Settlement has, since then, been the subject of a great controversy. On the one hand it is asserted that the policy of making a perpetual settlement in Bengal is to be defended not only on the ground of the peculiar circumstances of the time but also on that of an important principle. It is believed that in consequence of that settlement the cultivators are more prosperous, more resourceful and better able to help themselves in years of bad harvest than cultivators in any other part of India, that agricultural enterprise has been fostered, cultivation extended and private capital accumulated, which is devoted to useful industries, and to public works and institutions. * In view of the indebtedness and poverty of the cultivators in the other parts of the country, as compared with the condition of Bengal, the extension of the permanent settlement to the east of India has been advo-

* Government of India's Resolution on Land Revenue Policy, 1902.

Bombay do not rest upon any calculations of the net produce. Various factors such as prices, selling and mortgage values of land and economic conditions of the area, enter largely into the determination of the assessments. Provision is made in the different provinces for exempting from assessment, permanently or temporarily, increase of income brought about by improvements made by private effort.

When the Dewani of Bengal was obtained by the East India Company, arrangements had to be made for the assessment and collection of land revenue in that province. But the various endeavours made did not give satisfactory results, and after much discussion, Lord Cornwallis decided and the Court of Directors consented to recognize, for various weighty reasons, the old revenue Collectors as the proprietors of lands and the government assessment on them was permanently fixed. Whatever considerations may have been present to the mind of Lord Cornwallis when he settled the land revenue in perpetuity, the Permanent Settlement has, since then, been the subject of a great controversy. On the one hand it is asserted that the policy of making a perpetual settlement in Bengal is to be defended not only on the ground of the peculiar circumstances of the time but also on that of an important principle. It is believed that in consequence of that settlement the cultivators are more prosperous, more resourceful and better able to help themselves in years of bad harvest than cultivators in any other part of India, that agricultural enterprise has been fostered, cultivation extended and private capital accumulated, which is devoted to useful industries, and to public works and institutions. * In view of the indebtedness and poverty of the cultivators in the other parts of the country, as compared with the condition of Bengal, the extension of the permanent settlement to the east of India has been advo-

* Government of India's Resolution on Land Revenue Policy, 1902.

[illegible][illegible]

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

■ **Environmental Policy:** The Environmental Policy Act of 1969 established the National Environmental Policy Act (NEPA) and the Environmental Protection Agency (EPA). NEPA requires federal agencies to consider the environmental impacts of their actions. EPA was created to protect human health and the environment.

■ **Water Pollution Control:** The Clean Water Act (CWA) of 1972 established the National Sanitation Foundation and the National Sanitation Foundation for the Environment. The CWA sets standards for water quality and regulates the discharge of pollutants into navigable waters.

■ **Air Pollution Control:** The Clean Air Act (CAA) of 1970 established the National Air Pollution Control Administration (NAPCA) and the National Air Pollution Control Administration for the Environment. The CAA sets standards for air quality and regulates the discharge of pollutants into the atmosphere.

■ **Resource Conservation:** The National Forest Management Act (NFMA) of 1966 established the National Forest Management Plan (NFMP) and the National Forest Management Plan for the Environment. The NFMA sets standards for forest management and regulates the use of national forests.

■ **Wildlife Conservation:** The National Wildlife Refuge System (NWRS) was established in 1903. The NWRS is a system of public lands managed for the conservation of wildlife and natural resources.

■ **Land Use Planning:** The National Historic Preservation Act (NHPA) of 1966 established the National Historic Preservation Act (NHPA) and the National Historic Preservation Act for the Environment. The NHPA sets standards for the preservation of historic landmarks and regulates the use of historic landmarks.

■ **Public Lands Management:** The National System of Public Lands (NSPL) was established in 1909. The NSPL is a system of public lands managed for the conservation of natural resources.

■ **State and Local Government:** The National System of Public Lands (NSPL) was established in 1909. The NSPL is a system of public lands managed for the conservation of natural resources.

■ **Private Industry:** The National System of Public Lands (NSPL) was established in 1909. The NSPL is a system of public lands managed for the conservation of natural resources.

■ **Non-Profit Organizations:** The National System of Public Lands (NSPL) was established in 1909. The NSPL is a system of public lands managed for the conservation of natural resources.

■ **Academic Institutions:** The National System of Public Lands (NSPL) was established in 1909. The NSPL is a system of public lands managed for the conservation of natural resources.

■ **Media:** The National System of Public Lands (NSPL) was established in 1909. The NSPL is a system of public lands managed for the conservation of natural resources.

■ **Other:** The National System of Public Lands (NSPL) was established in 1909. The NSPL is a system of public lands managed for the conservation of natural resources.

cated by many people impressed with the benefits of that system and the idea of so extending it was seriously discussed for several years in the highest quarters. The land revenue administration of the various provinces was subjected to much criticism during the last year of the 19th century and certain recommendations were made to Government as to future policy and action. The Government of Lord Curzon issued on 16th January, 1902, an exhaustive Resolution upon the question dwelling at length upon the various criticisms and suggestions that had been made. They could not endorse the proposition that in the interests of the cultivator, the Permanent Settlement should be held up as a public model because it was not supported by the experience of any civilized country, is not justified by the single great experiment that has been made in India and because it was found in the latter case to place the tenant so unreservedly at the mercy of the land-lord that the State has been compelled to employ for his protection a more stringent measure of legislation than has been found necessary in temporarily settled areas. 'It is not, in fine, in the Permanent Settlement of Bengal that the rayat has found his salvation ; it has been in the laws which have been passed by the Supreme Government to check its license and to moderate its abuses.' In the opinion of many, the Permanent Settlement was a great blunder inasmuch as it deprived the State and therefore the country as a whole, of its due share in the increasing production of wealth. Whereas the land revenue has steadily increased in other parts of the country where the State's share can be raised from time to time in proportion to the increasing value of the produce of land, the contribution made by the Zamindars to the public treasury has remained and will remain at the original low level. The State usually has and ought to have the right to enhance its demand upon the income of the various classes of people without detriment to the healthy growth of agricultural and manufacturing wealth,

The following information is being provided for your information only. It is not intended to be used as a basis for any action. The information is based on the best available information at the time of the report. It is subject to change without notice. The information is provided for your information only and should not be used for any other purpose.

cated by many people impressed with the benefits of that system and the idea of so extending it was seriously discussed for several years in the highest quarters. The land revenue administration of the various provinces was subjected to much criticism during the last year of the 19th century and certain recommendations were made to Government as to future policy and action. The Government of Lord Curzon issued on 16th January, 1902, an exhaustive Resolution upon the question dwelling at length upon the various criticisms and suggestions that had been made. They could not endorse the proposition that in the interests of the cultivator, the Permanent Settlement should be held up as a public model because it was not supported by the experience of any civilized country, is not justified by the single great experiment that has been made in India and because it was found in the latter case to place the tenant so unreservedly at the mercy of the land-lord that the State has been compelled to employ for his protection a more stringent measure of legislation than has been found necessary in temporarily settled areas. 'It is not, in fine, in the Permanent Settlement of Bengal that the rayat has found his salvation ; it has been in the laws which have been passed by the Supreme Government to check its license and to moderate its abuses.' In the opinion of many, the Permanent Settlement was a great blunder inasmuch as it deprived the State and therefore the country as a whole, of its due share in the increasing production of wealth. Whereas the land revenue has steadily increased in other parts of the country where the State's share can be raised from time to time in proportion to the increasing value of the produce of land, the contribution made by the Zamindars to the public treasury has remained and will remain at the original low level. The State usually has and ought to have the right to enhance its demand upon the income of the various classes of people without detriment to the healthy growth of agricultural and manufacturing wealth,

but owing to the Permanent Settlement, it is contended, the Zamindars escape their proper burden of taxation and the national exchequer suffers to that extent.†

With reference to the contention of their critics that where the land revenue is paid to the State by the land-lord the principle of the 'Saharanpur Rules of 1855' limiting the State demand to one-half of the rent or assets of the land-lord should be universally applied, the Government of India stated that while the standard of 50 per cent. had nowhere been laid down as a fixed and immutable prescription, there had been, and there was, a growing tendency throughout temporarily settled Zamindari districts to approximate to it, and in special circumstances a very much lower share was taken. As regards temporarily settled tracts it was suggested to the Government that their demand should be limited to 50 per cent. of the value of the net produce, after a liberal deduction for cultivation expenses had been made and should not ordinarily exceed one-fifth of the gross produce ; and Government replied that it was neither possible nor equitable to fix the demand of the State at a definite share of the gross produce of the land, that they were already taking much less than they were invited to exact and that since the average rate so far from showing an inclination to enhancement, was everywhere on the downward grade, they were unable to accept a proposal which could only have consequences the very opposite of those which were anticipated by its authors. In Bombay, Madras, and the United Provinces, the usual term of settlement has been 30 years; in the Punjab and the Central Provinces it has been 20 years and in Burma, Asam and such other backward tracts shorter terms are allowed. Government, however, did not feel it necessary to lay down a uniform limit. With regard to the suggested limitation of Government enhancements to a rise in value due to (1) State improvements and

† See 'Elements of Indian taxation' by Leonard Alston.

but owing to the Permanent Settlement, it is contended, the Zamindars escape their proper burden of taxation and the national exchequer suffers to that extent.†

With reference to the contention of their critics that where the land revenue is paid to the State by the land-lord the principle of the 'Saharanpur Rules of 1855' limiting the State demand to one-half of the rent or assets of the land-lord should be universally applied, the Government of India stated that while the standard of 50 per cent. had nowhere been laid down as a fixed and immutable prescription, there had been, and there was, a growing tendency throughout temporarily settled Zamindari districts to approximate to it, and in special circumstances a very much lower share was taken. As regards temporarily settled tracts it was suggested to the Government that their demand should be limited to 50 per cent. of the value of the net produce, after a liberal deduction for cultivation expenses had been made and should not ordinarily exceed one-fifth of the gross produce; and Government replied that it was neither possible nor equitable to fix the demand of the State at a definite share of the gross produce of the land, that they were already taking much less than they were invited to exact and that since the average rate so far from showing an inclination to enhancement, was everywhere on the downward grade, they were unable to accept a proposal which could only have consequences the very opposite of those which were anticipated by its authors. In Bombay, Madras, and the United Provinces, the usual term of settlement has been 30 years; in the Punjab and the Central Provinces it has been 20 years and in Burma, Asam and such other backward tracts shorter terms are allowed. Government, however, did not feel it necessary to lay down a uniform limit. With regard to the suggested limitation of Government enhancements to a rise in value due to (1) State improvements and

† See 'Elements of Indian taxation' by Leonard Alston.

THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLI, PART I, 1911. PUBLISHED BY THE INSTITUTE, 21, BEDFORD SQUARE, LONDON, W.C.1.

THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE, VOL. XLI, PART I, 1911. PUBLISHED BY THE INSTITUTE, 21, BEDFORD SQUARE, LONDON, W.C.1.

(2) rise in prices, the Resolution declared that 'to deny the right of the State to a share in any increase of values except those which could be inferred from the general tables of price statistics — in itself a most fallacious and partial test,—would be to surrender to a number of individuals an increment which they had not themselves earned, but which had resulted, partly from the outlay of Government money on great public works such as canals and railways, partly from the general enhancement of values produced by expanding resources and a higher standard of civilization.'

Owing to a lack of capital among the agricultural population, the land revenue is recovered not by a single annual payment but in instalments the dates and amounts of which are fixed to meet local circumstances. The Government is invested with extensive powers for the purpose of recovering the land revenue but extreme measures are adopted only in more serious cases. Of late years, the policy of suspending and remitting revenue has been largely developed. Owing to famine and drought, the normal revenue cannot be collected in tracts affected by the calamity and the state demand has to be suspended, or even to be remitted. In 1905 the Government of India issued a resolution in which they laid down general lines to be followed in the various provinces with regard to suspensions and remissions of land revenue. "It was decided to adhere to the conclusion arrived at in 1882 (when previous instructions for modifying, where necessary, the strict system of revenue assessment and collection were issued) and endorsed by the Famine Commission of 1901, that relief will not be ordinarily required when there is half a normal crop. On the other hand, it was suggested that total relief should be given where the crop is less than a quarter of the normal. The principle was accepted that as a general rule, no suspended revenue should be collected until after one fair harvest subsequent to the failure has been reaped in the affected tract. It was further laid down that no relief

(2) rise in prices, the Resolution declared that 'to deny the right of the State to a share in any increase of values except those which could be inferred from the general tables of price statistics — in itself a most fallacious and partial test,—would be to surrender to a number of individuals an increment which they had not themselves earned, but which had resulted, partly from the outlay of Government money on great public works such as canals and railways, partly from the general enhancement of values produced by expanding resources and a higher standard of civilization.'

Owing to a lack of capital among the agricultural population, the land revenue is recovered not by a single annual payment but in instalments the dates and amounts of which are fixed to meet local circumstances. The Government is invested with extensive powers for the purpose of recovering the land revenue but extreme measures are adopted only in more serious cases. Of late years, the policy of suspending and remitting revenue has been largely developed. Owing to famine and drought, the normal revenue cannot be collected in tracts affected by the calamity and the state demand has to be suspended, or even to be remitted. In 1905 the Government of India issued a resolution in which they laid down general lines to be followed in the various provinces with regard to suspensions and remissions of land revenue. "It was decided to adhere to the conclusion arrived at in 1882 (when previous instructions for modifying, where necessary, the strict system of revenue assessment and collection were issued) and endorsed by the Famine Commission of 1901, that relief will not be ordinarily required when there is half a normal crop. On the other hand, it was suggested that total relief should be given where the crop is less than a quarter of the normal. The principle was accepted that as a general rule, no suspended revenue should be collected until after one fair harvest subsequent to the failure has been reaped in the affected tract. It was further laid down that no relief

should be ordinarily given to the revenue payer of the land-lord class unless it can be ensured either by legislation or by arrangement that a proportionate degree of relief will be extended to the actual cultivators of the soil, or at least to the tenant class." Local Governments were called upon to examine the existing rules in the light of these principles, and to make the rules more elastic so as to give timely relief to the cultivators in times of agricultural distress.

The question of tenant right in India is a very complex one. Between the State on the one side and the actual cultivator on the other, there stand intermediaries such as the Zamindars, sub-proprietors and a variety of tenants. In Rayatwari tracts it is comparatively easy to determine the status of the occupant who is either a proprietor having the obligation to pay land revenue to the Government or an inferior occupant paying rent to some superior. Apart from the few land-lord estates that exist in Madras and Bombay, there is in those provinces, hardly any growth of a land-lord or middleman class as such and consequently there are not be found there a variety of grades of interest as in Northern India. In Bengal, the United Provinces and the Central Provinces, the British Government was confronted with the problem of determining accurately the relations between land-lords and tenants and regulating the rents exacted by the former. For protecting the interests of tenants, the Government has passed, within the last thirty years, various tenancy laws in the several provinces. It being difficult to distinguish clearly between tenants who represent the old land-owners and those whose position is due to contract, in Bengal and the Agra Province, the gordian knot has been cut by the general rule that any tenant may be regarded as an occupancy tenant provided he has held the same land continuously for twelve years. This twelve years' rule does not apply in Punjab and Oudh and applies only to a limited extent in the Central Provinces.

should be ordinarily given to the revenue payer of the land-lord class unless it can be ensured either by legislation or by arrangement that a proportionate degree of relief will be extended to the actual cultivators of the soil, or at least to the tenant class." Local Governments were called upon to examine the existing rules in the light of these principles, and to make the rules more elastic so as to give timely relief to the cultivators in times of agricultural distress.

The question of tenant right in India is a very complex one. Between the State on the one side and the actual cultivator on the other, there stand intermediaries such as the Zamindars, sub-proprietors and a variety of tenants. In Rayatwari tracts it is comparatively easy to determine the status of the occupant who is either a proprietor having the obligation to pay land revenue to the Government or an inferior occupant paying rent to some superior. Apart from the few land-lord estates that exist in Madras and Bombay, there is in those provinces, hardly any growth of a land-lord or middleman class as such and consequently there are not to be found there a variety of grades of interest as in Northern India. In Bengal, the United Provinces and the Central Provinces, the British Government was confronted with the problem of determining accurately the relations between land-lords and tenants and regulating the rents exacted by the former. For protecting the interests of tenants, the Government has passed, within the last thirty years, various tenancy laws in the several provinces. It being difficult to distinguish clearly between tenants who represent the old land-owners and those whose position is due to contract, in Bengal and the Agra Province, the gordian knot has been cut by the general rule that any tenant may be regarded as an occupancy tenant provided he has held the same land continuously for twelve years. This twelve years' rule does not apply in Punjab and Oudh and applies only to a limited extent in the Central Provinces.

But the Tenancy Acts there have provided for the safeguarding of the tenants' interests in other ways. In the words of the Government Resolution of 1902, the Legislature has created a strong body of occupancy tenants in Bengal, has secured the tenantry of Oudh against enhancement at over-frequent intervals and in immoderate proportion and has practically given to every tenant in the Central Provinces fixity of tenure at a fair rent. Thus nearly two-thirds of the tenant area in the United Provinces and about a fifth in the Punjab are held by tenants with rights of occupancy. As the agricultural prosperity of the country ultimately depends upon the prosperity of the direct cultivators of the soil, wherever the Government found land-lords coming between itself and the rayats, it stepped in to determine definitely their status and mutual obligations and to prevent rack-renting and oppression by the land-lords, be they Zamindars, Talukdars or Malguzars.

But the Tenancy Acts there have provided for the safeguarding of the tenants' interests in other ways. In the words of the Government Resolution of 1902, the Legislature has created a strong body of occupancy tenants in Bengal, has secured the tenantry of Oudh against enhancement at over-frequent intervals and in immoderate proportion and has practically given to every tenant in the Central Provinces fixity of tenure at a fair rent. Thus nearly two-thirds of the tenant area in the United Provinces and about a fifth in the Punjab are held by tenants with rights of occupancy. As the agricultural prosperity of the country ultimately depends upon the prosperity of the direct cultivators of the soil, wherever the Government found land-lords coming between itself and the rayats, it stepped in to determine definitely their status and mutual obligations and to prevent rack-renting and oppression by the land-lords, be they Zamindars, Talukdars or Malguzars.

CHAPTER X.

LAW AND JUSTICE.

PASSING reference has been made in previous chapters to Indian law, and the constitution and procedure of the Indian Legislature have been fully dealt with. It is the chief purpose of the present chapter to describe the machinery of judicial administration in British India. From the fact that, except in the case of Bombay which was obtained in full sovereignty from Portugal, in all places where the British East India Company formed its settlements in this country, it did so with the express permission of the indigenous rulers, it may be inferred that they were subjected to indigenous law. Nothing of the sort, however, happened and the various charters of the Company conferred upon it considerable judicial authority. It was believed that the British had brought their own national law with them and they could not submit to the laws of this country. The Royal Charter of Charles II of the year 1661 gave to the Governor and Council of the several places belonging to the Company in the East Indies power "to judge all persons belonging to the said Governor and Company or that should live under them in all causes, whether civil or criminal, according to the laws of the kingdom, and to execute justice accordingly." In 1726, the Crown by Letters Patent established Mayors' Courts at Madras, Bombay and Fort William, each consisting of a Mayor and nine Aldermen, seven of whom with the Mayor were required to be natural born British subjects. They were declared to be Courts of Record, and were empowered to try, hear and determine all civil suits, actions and pleas between party and party. But in the

CHAPTER X.

LAW AND JUSTICE.

PASSING reference has been made in previous chapters to Indian law, and the constitution and procedure of the Indian Legislature have been fully dealt with. It is the chief purpose of the present chapter to describe the machinery of judicial administration in British India. From the fact that, except in the case of Bombay which was obtained in full sovereignty from Portugal, in all places where the British East India Company formed its settlements in this country, it did so with the express permission of the indigenous rulers, it may be inferred that they were subjected to indigenous law. Nothing of the sort, however, happened and the various charters of the Company conferred upon it considerable judicial authority. It was believed that the British had brought their own national law with them and they could not submit to the laws of this country. The Royal Charter of Charles II of the year 1661 gave to the Governor and Council of the several places belonging to the Company in the East Indies power "to judge all persons belonging to the said Governor and Company or that should live under them in all causes, whether civil or criminal, according to the laws of the kingdom, and to execute justice accordingly." In 1726, the Crown by Letters Patent established Mayors' Courts at Madras, Bombay and Fort William, each consisting of a Mayor and nine Aldermen, seven of whom with the Mayor were required to be natural born British subjects. They were declared to be Courts of Record, and were empowered to try, hear and determine all civil suits, actions and pleas between party and party. But in the

100

— **1998** —

confusion which prevailed in Bengal before and after the battle of Plassey, there was hardly any judicial system in the Company's territory. The right of Dewani was obtained by the Company but civil and criminal justice remained in the hands of indigenous agency. In the time of Warren Hastings there was, however, a complete change of policy and the Company undertook the administration of civil and criminal justice instead of only a supervision of the same. Thus the *Foujdari* and *Diwani Adalats* came to be established, as also the Supreme Court by the Regulating Act. The defects of the Act and of the Charter of 1774 and the consequent conflict between the two rival and independent powers, *viz.* the Supreme Council and the Supreme Court are all matters of history. These defects were partially remedied by the Act of 1781 (21 Geo. III c. 70) which limited the jurisdiction of the Supreme Court. At first it appears to have been intended that the English law should be made public and territorial and applicable to Europeans and Indians alike, but this idea was given up later on. The Act of 1781 which empowered the Supreme Court to determine all actions and suits against the inhabitants of the City of Calcutta, 'provided that their succession and inheritance to lands, rents and goods and all matters of contract and dealing between party and party, should be determined in the case of Mahomedans by the laws and usages of Mahomedans or in the case of Gentoos, by the laws and usages of Gentoos, and where only one of the parties should be a Mahomedan or Gento, by the laws and usages of the defendant.' The influence of Western jurisprudence and the case law emanating from courts established and moulded on English models and generally the spread of education, gradually relaxed and altered Hindu and Mahomedan laws and customs to a certain extent. Thus at the present day, 'native law has been wholly superceded, as to criminal law and procedure and as to civil procedure, by the Indian Penal Code,

information. The first step is to identify the information needs of the user. This is done by asking the user a series of questions about their current situation and what they are trying to achieve. The next step is to search for information that can help the user. This is done by using a search engine or a database. The third step is to evaluate the information that has been found. This is done by checking the source of the information and the date it was published. The fourth step is to use the information. This is done by applying the information to the user's situation and making a decision about what to do next.

The first step in the information-seeking process is to identify the information needs of the user. This is done by asking the user a series of questions about their current situation and what they are trying to achieve. The next step is to search for information that can help the user. This is done by using a search engine or a database. The third step is to evaluate the information that has been found. This is done by checking the source of the information and the date it was published. The fourth step is to use the information. This is done by applying the information to the user's situation and making a decision about what to do next.

The second step in the information-seeking process is to search for information that can help the user. This is done by using a search engine or a database. The third step is to evaluate the information that has been found. This is done by checking the source of the information and the date it was published. The fourth step is to use the information. This is done by applying the information to the user's situation and making a decision about what to do next.

The third step in the information-seeking process is to evaluate the information that has been found. This is done by checking the source of the information and the date it was published. The fourth step is to use the information. This is done by applying the information to the user's situation and making a decision about what to do next.

The fourth step in the information-seeking process is to use the information. This is done by applying the information to the user's situation and making a decision about what to do next.

confusion which prevailed in Bengal before and after the battle of Plassey, there was hardly any judicial system in the Company's territory. The right of Dewani was obtained by the Company but civil and criminal justice remained in the hands of indigenous agency. In the time of Warren Hastings there was, however, a complete change of policy and the Company undertook the administration of civil and criminal justice instead of only a supervision of the same. Thus the *Foujdari* and *Diwani Adalats* came to be established, as also the Supreme Court by the Regulating Act. The defects of the Act and of the Charter of 1774 and the consequent conflict between the two rival and independent powers, *viz.* the Supreme Council and the Supreme Court are all matters of history. These defects were partially remedied by the Act of 1781 (21 Geo. III c. 70) which limited the jurisdiction of the Supreme Court. At first it appears to have been intended that the English law should be made public and territorial and applicable to Europeans and Indians alike, but this idea was given up later on. The Act of 1781 which empowered the Supreme Court to determine all actions and suits against the inhabitants of the City of Calcutta, 'provided that their succession and inheritance to lands, rents and goods and all matters of contract and dealing between party and party, should be determined in the case of Mahomedans by the laws and usages of Mahomedans or in the case of Gentoos, by the laws and usages of Gentoos, and where only one of the parties should be a Mahomedan or Gentoos, by the laws and usages of the defendant.' The influence of Western jurisprudence and the case law emanating from courts established and moulded on English models and generally the spread of education, gradually relaxed and altered Hindu and Mahomedan laws and customs to a certain extent. Thus at the present day, 'native law has been wholly superceded, as to criminal law and procedure and as to civil procedure, by the Indian Penal Code,

the Indian Codes of Criminal and Civil Procedure, the Evidence Act and other enactments and has been largely superseded as to other matters by Anglo-Indian legislation, but still regulates, as personal law, most matters relating to family law and the law of succession and inheritance among Hindus, Mahomedans and other natives of the country.'†

The Mayor's Courts at Madras and Bombay remained unaltered until 1797 when they were superseded by Recorder's Courts, which were again replaced by Supreme Courts on the Bengal model, at Madras in 1800 and at Bombay in 1823. It is unnecessary to refer here to the changes made in the organization of Civil and Criminal Courts in the time of Lord Cornwallis, the Marquis of Wellesley and Lord William Bentinck. In 1801, during the administration of the Marquis of Wellesley, the two appellate courts of *Sadar Nizamat adalat* and *Sadar diwani adalat* were remodelled. Instead of consisting of the Governor General-in-Council, they were composed of three or more judges selected from the covenanted service; thus they remained until merged in the High Court in 1862. The ordinary courts of justice were constituted much in their present form by Lord William Bentinck (1828-1835). The Provincial Courts of Appeal in civil cases were abolished; full criminal jurisdiction was conferred upon the Civil District Judges, under the style of Sessions Judges; and the magisterial authority, formerly exercised by the Civil Judges was transferred to the Collectors. As regards Courts of Civil jurisdiction outside the Presidency towns, Courts of Native Commissioners had been established by Lord Cornwallis and *amins*, *munsifs* and *sadar amins* with varying civil jurisdictions were created. The *sadar amin* was later on abolished and was replaced by the Subordinate Judge, from whom an appeal lies to the District

† Sir Courtenay Ilbert's 'The Government of India.'

THE NEW YORK PUBLIC LIBRARY
ASTOR LENOX TILDEN FOUNDATION
100 N. 4TH ST. NEW YORK, N. Y.
1911

THE NEW YORK PUBLIC LIBRARY
ASTOR LENOX TILDEN FOUNDATION
100 N. 4TH ST. NEW YORK, N. Y.
1911

the Indian Codes of Criminal and Civil Procedure, the Evidence Act and other enactments and has been largely superseded as to other matters by Anglo-Indian legislation, but still regulates, as personal law, most matters relating to family law and the law of succession and inheritance among Hindus, Mahomedans and other natives of the country.'†

The Mayor's Courts at Madras and Bombay remained unaltered until 1797 when they were superseded by Recorder's Courts, which were again replaced by Supreme Courts on the Bengal model, at Madras in 1800 and at Bombay in 1823. It is unnecessary to refer here to the changes made in the organization of Civil and Criminal Courts in the time of Lord Cornwallis, the Marquis of Wellesley and Lord William Bentinck. In 1801, during the administration of the Marquis of Wellesley, the two appellate courts of *Sadar Nizamat adalat* and *Sadar diwani adalat* were remodelled. Instead of consisting of the Governor General-in-Council, they were composed of three or more judges selected from the covenanted service; thus they remained until merged in the High Court in 1862. The ordinary courts of justice were constituted much in their present form by Lord William Bentinck (1828-1835). The Provincial Courts of Appeal in civil cases were abolished; full criminal jurisdiction was conferred upon the Civil District Judges, under the style of Sessions Judges; and the magisterial authority, formerly exercised by the Civil Judges was transferred to the Collectors. As regards Courts of Civil jurisdiction outside the Presidency towns, Courts of Native Commissioners had been established by Lord Cornwallis and *amins*, *munsifs* and *sadar amins* with varying civil jurisdictions were created. The *sadar amin* was later on abolished and was replaced by the Subordinate Judge, from whom an appeal lies to the District

† Sir Courtenay Ilbert's 'The Government of India.'

Judge and the High Court. By the Act of 1833,* a Law Commission was appointed to sit in Calcutta and inquire into the jurisdiction and procedure of the courts of justice and police establishments and into the operation of the laws, civil and criminal. This Commission in whose labours Lord Macaulay bore a large part, prepared a Penal Code which became law in 1860. Another Commission was appointed by the Act of 1853 to sit in London for considering and reporting upon the recommendations of the Indian Law Commissioners. The simplification of the various judicial jurisdictions was brought about by the passing of the Civil Procedure Code and the Criminal Procedure Code along with the Penal Code.

In 1861 was passed a statute (24 and 25 Vict. c. 104), empowering the Crown to establish by letters patent High Courts at Calcutta, Madras, Bombay and eventually for the Province of Agra in which the Supreme Courts, as well as *Sadar diwani adalat* and the *Sadar nizamat adalat* were merged. The judges were to be appointed by the Crown and to hold office during the pleasure of the Sovereign. It was provided that in each case, at least one-third of the number were to be barristers or members of the Faculty of

* There was at that time such a hopeless jumble of statutes, laws and regulations, and of Hindu and Mahomedan laws and usages that the necessity of bringing order out of this chaos was urgently felt. The attempt of the East India Company to govern Englishmen by English law and Indians by their own laws, Hindu, Mahomedan and Buddhist, had failed and the Act of 1833 declared that "it was expedient that, subject to such special arrangements as local circumstances may require, a general system of judicial establishment and police, to which all persons whatever, as well Europeans as Natives, may be subject should be established in the said territories at an early period; and that such laws as may be applicable in common to all classes of the inhabitants of the said territories, due regard being had to the rights, feelings and peculiar usages of the people, should be enacted and that all laws and customs having the force of law within the same territories should be ascertained and consolidated and as occasion may require, amended."



1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making sure that it is followed. The fifth step is to evaluate the results. This involves checking to see if the problem has been solved and if the plan was effective.

Judge and the High Court. By the Act of 1833,* a Law Commission was appointed to sit in Calcutta and inquire into the jurisdiction and procedure of the courts of justice and police establishments and into the operation of the laws, civil and criminal. This Commission in whose labours Lord Macaulay bore a large part, prepared a Penal Code which became law in 1860. Another Commission was appointed by the Act of 1853 to sit in London for considering and reporting upon the recommendations of the Indian Law Commissioners. The simplification of the various judicial jurisdictions was brought about by the passing of the Civil Procedure Code and the Criminal Procedure Code along with the Penal Code.

In 1861 was passed a statute (24 and 25 Vict. c. 104), empowering the Crown to establish by letters patent High Courts at Calcutta, Madras, Bombay and eventually for the Province of Agra in which the Supreme Courts, as well as *Sadar diwani adalat* and the *Sadar nizamat adalat* were merged. The judges were to be appointed by the Crown and to hold office during the pleasure of the Sovereign. It was provided that in each case, at least one-third of the number were to be barristers or members of the Faculty of

* There was at that time such a hopeless jumble of statutes, laws and regulations, and of Hindu and Mahomedan laws and usages that the necessity of bringing order out of this chaos was urgently felt. The attempt of the East India Company to govern Englishmen by English law and Indians by their own laws, Hindu, Mahomedan and Buddhist, had failed and the Act of 1833 declared that "it was expedient that, subject to such special arrangements as local circumstances may require, a general system of judicial establishment and police, to which all persons whatever, as well Europeans as Natives, may be subject should be established in the said territories at an early period; and that such laws as may be applicable in common to all classes of the inhabitants of the said territories, due regard being had to the rights, feelings and peculiar usages of the people, should be enacted and that all laws and customs having the force of law within the same territories should be ascertained and consolidated and as occasion may require, amended."

Advocates of Scotland and at least one-third members of the judicial branch of the Indian Civil Service, the remaining places being available for the appointment of Indian lawyers. The High Courts exercise jurisdiction, original, and appellate, civil and criminal, testamentary and intestate, insolvent and matrimonial. Their ordinary original jurisdiction is confined to the Presidency towns, thus preserving a distinction which dates from the Charter of 1726. By their extraordinary original jurisdiction and of their appellate jurisdiction, they control all the other courts of justice, both civil and criminal, within the limits prescribed by their letters patent. Subject to any law which may be made by the Governor General-in-Council, the High Courts may not exercise any original jurisdiction in any matter concerning the revenue or concerning acts ordered or done in the collection thereof according to the usage and practice of the country or the regulations for the time being in force. The High Courts exercise their power of control and supervision over all courts subject to their appellate jurisdiction; they may call for returns, direct the transfer of any suit or appeal from any such court to any other court of equal or superior jurisdiction, may make and issue general rules for regulating the practice and proceedings of such courts and fix the tables of fees to be allowed to sheriffs, attorneys and all clerks and officers of such courts. All such rules, forms &c., however, require the previous approval of the Local Government. The Governor General and the Governors of Madras and Bombay and members of their Councils are exempted from the original jurisdiction of the High Courts in respect of any thing counselled or done by any of them in his public capacity. Similar exemption is given to them in the matter of arrest or imprisonment in civil proceedings in the High Courts and of criminal jurisdiction in respect of any misdemeanour at common law or under any Act of Parliament. This exemption is, of course, intended to obviate the recurrence

Advocates of Scotland and at least one-third members of the judicial branch of the Indian Civil Service, the remaining places being available for the appointment of Indian lawyers. The High Courts exercise jurisdiction, original, and appellate, civil and criminal, testamentary and intestate, insolvent and matrimonial. Their ordinary original jurisdiction is confined to the Presidency towns, thus preserving a distinction which dates from the Charter of 1726. By their extraordinary original jurisdiction and of their appellate jurisdiction, they control all the other courts of justice, both civil and criminal, within the limits prescribed by their letters patent. Subject to any law which may be made by the Governor General-in-Council, the High Courts may not exercise any original jurisdiction in any matter concerning the revenue or concerning acts ordered or done in the collection thereof according to the usage and practice of the country or the regulations for the time being in force. The High Courts exercise their power of control and supervision over all courts subject to their appellate jurisdiction; they may call for returns, direct the transfer of any suit or appeal from any such court to any other court of equal or superior jurisdiction, may make and issue general rules for regulating the practice and proceedings of such courts and fix the tables of fees to be allowed to sheriffs, attorneys and all clerks and officers of such courts. All such rules, forms &c., however, require the previous approval of the Local Government. The Governor General and the Governors of Madras and Bombay and members of their Councils are exempted from the original jurisdiction of the High Courts in respect of any thing counselled or done by any of them in his public capacity. Similar exemption is given to them in the matter of arrest or imprisonment in civil proceedings in the High Courts and of criminal jurisdiction in respect of any misdemeanour at common law or under any Act of Parliament. This exemption is, of course, intended to obviate the recurrence

of such unseemly conflicts as took place in the time of Warren Hastings. Corresponding to the four chartered High Courts at Madras, Bombay, Calcutta and Allahabad there are Chief Courts deriving their authority from the Indian legislature in those parts of British India which lie outside their jurisdiction. The Chief Court of the Punjab was established in 1866 and that of Lower Burma in 1900. In Oudh, the Central Provinces, N. W. Frontier Province, Upper Burma, Coorg, Berar and Sind, there are courts of Judicial Commissioners. The powers and jurisdiction of these non-chartered High Courts are similar to those of the chartered High Courts. Allahabad not being a Presidency town, the High Court there has no original jurisdiction except as regards criminal proceedings against European British subjects. Under the Act of 1861, each High Court consisted of a Chief Justice and as many judges, not exceeding 15 as the Crown might from time to time think fit to appoint. This maximum allowed by statute was, however, found to be inadequate to the growing volume of business. The Indian High Courts Act, 1911 was therefore passed raising the maximum number of judges, including the Chief Justice, to 20 and provision was made for the establishment of additional High Courts in any part of India.

Below the High Courts, there are subordinate courts, both civil and criminal. As regards the civil courts, their procedure is regulated by the Code of Civil Procedure, but their constitution, nomenclature and jurisdiction vary in the different provinces and depend upon Acts passed for these provinces. In general, the constitution of these courts in the major provinces is uniform. Each district usually has a District Judge who exercises control over all the courts in his district and his court is the chief civil tribunal to which appeals may be made from the lower courts. Below the District Judge, there are Subordinate Judges with smaller jurisdiction, and Munsiffs or Sub-

[illegible]

The first part of the paper discusses the importance of the
 Journal of Management Education in the field of management
 education. It highlights the journal's role in providing
 a platform for the dissemination of research findings and
 the advancement of the discipline. The second part of the
 paper focuses on the journal's commitment to diversity and
 inclusion, emphasizing the need for a more equitable and
 inclusive research agenda. The third part of the paper
 discusses the journal's efforts to promote the use of
 research in management education, highlighting the
 importance of evidence-based practice. The fourth part of
 the paper discusses the journal's commitment to
 transparency and accountability, emphasizing the need for
 open access and the sharing of research data. The fifth
 part of the paper discusses the journal's commitment to
 the future of management education, highlighting the
 need for innovation and the development of new
 research paradigms. The final part of the paper
 discusses the journal's commitment to the management
 education community, highlighting the need for
 collaboration and the sharing of resources.

of such unseemly conflicts as took place in the time of Warren Hastings. Corresponding to the four chartered High Courts at Madras, Bombay, Calcutta and Allahabad there are Chief Courts deriving their authority from the Indian legislature in those parts of British India which lie outside their jurisdiction. The Chief Court of the Punjab was established in 1866 and that of Lower Burma in 1900. In Oudh, the Central Provinces, N. W. Frontier Province, Upper Burma, Coorg, Berar and Sind, there are courts of Judicial Commissioners. The powers and jurisdiction of these non-chartered High Courts are similar to those of the chartered High Courts. Allahabad not being a Presidency town, the High Court there has no original jurisdiction except as regards criminal proceedings against European British subjects. Under the Act of 1861, each High Court consisted of a Chief Justice and as many judges, not exceeding 15 as the Crown might from time to time think fit to appoint. This maximum allowed by statute was, however, found to be inadequate to the growing volume of business. The Indian High Courts Act, 1911 was therefore passed raising the maximum number of judges, including the Chief Justice, to 20 and provision was made for the establishment of additional High Courts in any part of India.

Below the High Courts, there are subordinate courts, both civil and criminal. As regards the civil courts, their procedure is regulated by the Code of Civil Procedure, but their constitution, nomenclature and jurisdiction vary in the different provinces and depend upon Acts passed for these provinces. In general, the constitution of these courts in the major provinces is uniform. Each district usually has a District Judge who exercises control over all the courts in his district and his court is the chief civil tribunal to which appeals may be made from the lower courts. Below the District Judge, there are Subordinate Judges with smaller jurisdiction, and Munsiffs or Sub-

ordinate Judges of the second class stand below them. The jurisdiction of the Subordinate Judges is unlimited with regard to the value of cases, while that of Munsiffs is limited from Rs. 1,000 to Rs. 5,000. The title of Subordinate Judge is somewhat misleading because his jurisdiction is greater than that of the District Judge, since it extends to all civil suits, whatever their amount, while the District Judge's original jurisdiction is limited to suits not exceeding Rs. 10,000, though appeals may be preferred, in small suits in his court from the decisions of both the Subordinate Judges and Munsiffs. Appeals also lie to the High Court from the decisions of the District Judge, and of the Subordinate Judge, in cases exceeding ten thousand rupees in amount. In the presidency towns, and in some other places, there are also what are called 'Small Causes Courts' which exercise final jurisdiction in petty cases. In the matter of the administration of criminal justice the chief guide and regulator of procedure is the Code of Criminal Procedure. For every district or group of districts, there is a court of Sessions presided over by a Sessions Judge who is the District Judge himself exercising his criminal jurisdiction. He may be assisted by additional, joint and assistant Sessions Judges. Below the Sessions Judge there are magistrates of three classes, of the first class, the second class and of the third class. In the presidency towns there are special magistrates called the Presidency Magistrates and in every district town there is a magistrate of the first class called the District Magistrate who has subordinate magistrates under him. A High Court is competent to pass any sentence authorized by law. A Sessions Judge possesses the same power subject to the confirmation of the High Court in cases of capital sentences. Trials before the High Court are by a jury of nine and those before a court of sessions either by a jury or with assessors who assist but do not bind the Judge by their opinions. A European British subject may be tried only by a European magistrate or an Indian magistrate who is a Justice of the

ordinate Judges of the second class stand below them. The jurisdiction of the Subordinate Judges is unlimited with regard to the value of cases, while that of Munsiffs is limited from Rs. 1,000 to Rs. 5,000. The title of Subordinate Judge is somewhat misleading because his jurisdiction is greater than that of the District Judge, since it extends to all civil suits, whatever their amount, while the District Judge's original jurisdiction is limited to suits not exceeding Rs. 10,000, though appeals may be preferred, in small suits in his court from the decisions of both the Subordinate Judges and Munsiffs. Appeals also lie to the High Court from the decisions of the District Judge, and of the Subordinate Judge, in cases exceeding ten thousand rupees in amount. In the presidency towns, and in some other places, there are also what are called 'Small Causes Courts' which exercise final jurisdiction in petty cases. In the matter of the administration of criminal justice the chief guide and regulator of procedure is the Code of Criminal Procedure. For every district or group of districts, there is a court of Sessions presided over by a Sessions Judge who is the District Judge himself exercising his criminal jurisdiction. He may be assisted by additional, joint and assistant Sessions Judges. Below the Sessions Judge there are magistrates of three classes, of the first class, the second class and of the third class. In the presidency towns there are special magistrates called the Presidency Magistrates and in every district town there is a magistrate of the first class called the District Magistrate who has subordinate magistrates under him. A High Court is competent to pass any sentence authorized by law. A Sessions Judge possesses the same power subject to the confirmation of the High Court in cases of capital sentences. Trials before the High Court are by a jury of nine and those before a court of sessions either by a jury or with assessors who assist but do not bind the Judge by their opinions. A European British subject may be tried only by a European magistrate or an Indian magistrate who is a Justice of the

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making any necessary adjustments. The final step is to evaluate the results. This involves assessing the effectiveness of the solution and determining if any further action is needed.

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 105–112

[illegible]

Peace and Judges of the High Courts, the Sessions Judges, District Magistrates and Presidency Magistrates are justices of the peace *ex officio*. (1) Presidency Magistrates and Magistrates of the first class can pass sentences of imprisonment up to two years and of fine up to Rs. 1,000. In cases which they are not competent to dispose of finally, they commit for trial to the court of sessions or the High Court. (2) Magistrates of the second class can pass sentences of imprisonment upto six months and of fine upto Rs. 200. (3) Magistrates of the third class can pass sentences of imprisonment up to one month and of fine not exceeding 50 rupees. Provision is made and is largely resorted to in towns, for the appointment of honorary magistrates, for the formation of benches of magistrates honorary or stipendiary, and for the appointment, in the Presidency towns, of Presidency magistrates, to try minor offences and commit to the High Court persons charged with more heinous crimes. In certain provinces, a large number of petty cases are tried by village headmen in their capacity as village magistrates and by village officers in certain other provinces such as the village police patels in Bombay and village headmen in Burma. In military cantonments the original criminal jurisdiction is that of a military officer styled the Cantonment Magistrate.

The system of Indian law gives considerable scope for appeal. From a conviction by a second or third class Magistrate an appeal lies to the District Magistrate and an appeal may be preferred in the court of Sessions Judge from the convictions of first class Magistrates. The original convictions of the Sessions Judge, again, are appealable to the High Court or Chief Court in the province. In the case of a death sentence the convicted person may appeal for mercy to the head of the province and also the Viceroy. In certain cases an appeal lies even to the Privy Council in London. The intervention of the High Court or the Chief Court is also sought in many cases and these

Peace and Judges of the High Courts, the Sessions Judges, District Magistrates and Presidency Magistrates are justices of the peace *ex officio*. (1) Presidency Magistrates and Magistrates of the first class can pass sentences of imprisonment up to two years and of fine up to Rs. 1,000. In cases which they are not competent to dispose of finally, they commit for trial to the court of sessions or the High Court. (2) Magistrates of the second class can pass sentences of imprisonment upto six months and of fine upto Rs. 200. (3) Magistrates of the third class can pass sentences of imprisonment up to one month and of fine not exceeding 50 rupees. Provision is made and is largely resorted to in towns, for the appointment of honorary magistrates, for the formation of benches of magistrates honorary or stipendiary, and for the appointment, in the Presidency towns, of Presidency magistrates, to try minor offences and commit to the High Court persons charged with more heinous crimes. In certain provinces, a large number of petty cases are tried by village headmen in their capacity as village magistrates and by village officers in certain other provinces such as the village police patels in Bombay and village headmen in Burma. In military cantonments the original criminal jurisdiction is that of a military officer styled the Cantonment Magistrate.

The system of Indian law gives considerable scope for appeal. From a conviction by a second or third class Magistrate an appeal lies to the District Magistrate and an appeal may be preferred in the court of Sessions Judge from the convictions of first class Magistrates. The original convictions of the Sessions Judge, again, are appealable to the High Court or Chief Court in the province. In the case of a death sentence the convicted person may appeal for mercy to the head of the province and also the Viceroy. In certain cases an appeal lies even to the Privy Council in London. The intervention of the High Court or the Chief Court is also sought in many cases and these

Courts use their revisionary powers when such applications are made to transfer cases from one court to another or to order them to be retried. Appeals lie on points of fact and of law, and the severity of a sentence is allowed as a ground of appeal even when facts upon which it is based are admitted to have been established. Government also is allowed to appeal to the High Court or Chief Court against an acquittal and they may revise cases in which it is believed there has been a flagrant miscarriage of justice. In civil cases there is an equally ample latitude allowed for appeal. Except in the case of Small Causes Courts an appeal lies from the decision of a Munsif to the District Judge who may transfer such appeals to the Subordinate Judges for disposal. Similarly the decrees of the Subordinate Judge and the District Judge are liable to appeal to the High Court and second or special appeals are allowed by the latter. In certain cases further appeal may be made to the Judicial Committee of the Privy Council. Besides the Courts mentioned above, there are revenue courts presided over by officers whose duty it is to collect and settle revenue. Ordinary civil courts cannot interfere in matters connected with the assessment and collection of land revenue and with purely fiscal matters. But all questions of title to land have been brought within the cognizance of the civil courts. Other suits are dealt with entirely by revenue officers. The increase of litigation in India in recent times is a noticeable feature of the social and economic life of the people. The growth of litigation has been attributed 'to a general advance in prosperity and education, to the growth of business and the improvements in communications.' There are probably other causes also responsible for it which render growing litigation an object of anxiety rather than one for congratulation. The facilities which the judicial system allows for appeals is also said to be at the bottom of the phenomenon. The courts are being crushed under the weight of appeal work

Courts use their revisionary powers when such applications are made to transfer cases from one court to another or to order them to be retried. Appeals lie on points of fact and of law, and the severity of a sentence is allowed as a ground of appeal even when facts upon which it is based are admitted to have been established. Government also is allowed to appeal to the High Court or Chief Court against an acquittal and they may revise cases in which it is believed there has been a flagrant miscarriage of justice. In civil cases there is an equally ample latitude allowed for appeal. Except in the case of Small Causes Courts an appeal lies from the decision of a Munsif to the District Judge who may transfer such appeals to the Subordinate Judges for disposal. Similarly the decrees of the Subordinate Judge and the District Judge are liable to appeal to the High Court and second or special appeals are allowed by the latter. In certain cases further appeal may be made to the Judicial Committee of the Privy Council. Besides the Courts mentioned above, there are revenue courts presided over by officers whose duty it is to collect and settle revenue. Ordinary civil courts cannot interfere in matters connected with the assessment and collection of land revenue and with purely fiscal matters. But all questions of title to land have been brought within the cognizance of the civil courts. Other suits are dealt with entirely by revenue officers. The increase of litigation in India in recent times is a noticeable feature of the social and economic life of the people. The growth of litigation has been attributed 'to a general advance in prosperity and education, to the growth of business and the improvements in communications.' There are probably other causes also responsible for it which render growing litigation an object of anxiety rather than one for congratulation. The facilities which the judicial system allows for appeals is also said to be at the bottom of the phenomenon. The courts are being crushed under the weight of appeal work

and the curtailment of appeal facilities has been discussed. According to Joseph Chailley*, 'such discussion will have no material effect. The right of appeal is useful everywhere, and in India it is specially necessary, however excessive the use made of it. The reasons are clear: the courts, with the exception of the High Courts, are less competent than those of Europe, and have not ordinarily the check of an enlightened bar and a vigilant press. The mediocre character of the magistracy qualifies even the abuse of appeal facilities.'

The total number of civil suits instituted in civil courts exceeds 20 lakhs annually. If we leave out of account suits under the rent law which largely swell the total in Bengal, Assam and the Central Provinces, we get the following figures representing the number of suits instituted per 10,000 of population in 1901 and 1911 respectively.

Suits instituted per 10,000 of population.

| | 1901. | 1911. |
|-----------------------------|-------|-------|
| Bengal | 50 | 45 |
| Eastern Bengal and Assam | 45† | 77 |
| United Provinces | 30 | 40 |
| Punjab | 114 | 91 |
| Central Provinces and Berar | 84 | 82 |
| Burma | 63 | 69 |
| Madras | 88 | 103 |
| Bombay | 69 | 66 |
| Total British India | 64 | 67 |

Suits for money or moveable property form a very large proportion of the total number, the remaining suits being chiefly for immovable property, or mortgage suits.

*Administrative Problems of British India.

† Assam alone.

The first of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a reflection of the fact that the majority of the respondents in the survey were from the United Kingdom. The second of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a reflection of the fact that the majority of the respondents in the survey were from the United Kingdom. The third of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a reflection of the fact that the majority of the respondents in the survey were from the United Kingdom.

The first of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a reflection of the fact that the majority of the respondents in the survey were from the United Kingdom. The second of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a reflection of the fact that the majority of the respondents in the survey were from the United Kingdom. The third of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a reflection of the fact that the majority of the respondents in the survey were from the United Kingdom.

THE SURVEY OF THE SURVEY

| Year | Number of respondents | Percentage of total |
|------|-----------------------|---------------------|
| 1990 | 10 | 10.0 |
| 1991 | 15 | 15.0 |
| 1992 | 20 | 20.0 |
| 1993 | 25 | 25.0 |
| 1994 | 30 | 30.0 |
| 1995 | 35 | 35.0 |
| 1996 | 40 | 40.0 |
| 1997 | 45 | 45.0 |
| 1998 | 50 | 50.0 |
| 1999 | 55 | 55.0 |
| 2000 | 60 | 60.0 |
| 2001 | 65 | 65.0 |
| 2002 | 70 | 70.0 |
| 2003 | 75 | 75.0 |
| 2004 | 80 | 80.0 |
| 2005 | 85 | 85.0 |
| 2006 | 90 | 90.0 |
| 2007 | 95 | 95.0 |
| 2008 | 100 | 100.0 |

The first of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a reflection of the fact that the majority of the respondents in the survey were from the United Kingdom. The second of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a reflection of the fact that the majority of the respondents in the survey were from the United Kingdom. The third of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a reflection of the fact that the majority of the respondents in the survey were from the United Kingdom.

and the curtailment of appeal facilities has been discussed. According to Joseph Chailley*, 'such discussion will have no material effect. The right of appeal is useful everywhere, and in India it is specially necessary, however excessive the use made of it. The reasons are clear: the courts, with the exception of the High Courts, are less competent than those of Europe, and have not ordinarily the check of an enlightened bar and a vigilant press. The mediocre character of the magistracy qualifies even the abuse of appeal facilities.'

The total number of civil suits instituted in civil courts exceeds 20 lakhs annually. If we leave out of account suits under the rent law which largely swell the total in Bengal, Assam and the Central Provinces, we get the following figures representing the number of suits instituted per 10,000 of population in 1901 and 1911 respectively.

Suits instituted per 10,000 of population.

| | 1901. | 1911. |
|-----------------------------|-------|-------|
| Bengal | 50 | 45 |
| Eastern Bengal and Assam | 45† | 77 |
| United Provinces | 30 | 40 |
| Punjab | 114 | 91 |
| Central Provinces and Berar | 84 | 82 |
| Burma | 63 | 69 |
| Madras | 88 | 103 |
| Bombay | 69 | 66 |
| Total British India | 64 | 67 |

Suits for money or moveable property form a very large proportion of the total number, the remaining suits being chiefly for immovable property, or mortgage suits.

*Administrative Problems of British India.

† Assam alone.

The character of civil litigation will be understood if the average value of suits is taken into consideration. The average value of suits, the value of which can be estimated in money, shows a tendency to increase, but of the total number of suits considerably more than a half are still of a value of not more than Rs. 50 and a substantial proportion are of a value not exceeding Rs. 10. Suits of a value exceeding Rs. 10,000 numbered only 2,550 in 1911 while the number of suits tried in the Courts of Small Causes which exist to provide a cheap and speedy means of recovering small debts, was 2,69,154 in 1911 against 1,91,900 in 1901. Only about 25 per cent. of the total number of suits are contested and a very large proportion go in favour of the plaintiff, showing that the litigation is not unjustified. As mentioned above, the number of appeals shows a general upward tendency. In 1901 the total number of appeals before the courts was 1,23,612; in 1906, 1,25,381; and in 1911, 1,46,363. The number of criminal offences does not show any marked increase. The number of 'true cases', *i. e.* of offences reported less the cases struck off as false, was 11,21,531, in 1901, and the corresponding figure for 1911 was 12,20,283. This increase of 8.8 per cent. was not much greater than the increase in population which was 5½ per cent.

No Indian Judge or Magistrate can try a European British subject unless he happens to be a District Judge or Sessions Judge. The Code of Criminal Procedure thus defines a 'European British subject':— (1) Any subject of Her Majesty born, naturalized, or domiciled in the United Kingdom of Great Britain and Ireland, or in any of the European, American, Australian colonies or possessions of Her Majesty, or in the colony of New Zealand, or in the colony of Cape of Good Hope or Natal; (2) Any child or grand-child of any such person by legitimate descent. Every European British subject brought for trial before the District Magistrate or Sessions Judge has the right, how-

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 105–112

© 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 391–397

Q. I have a question about the "Q" and "A" columns. I am not sure I understand the format. Can you explain it to me?

■ *Journal of Management Education* 25(1) 10-11, 2001. © 2001 Sage Publications, Inc. 10.1177/1053426901251001

1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.

■ ■ ■ ■ ■

0 0

1. *Journal of Management Studies*, 1997, 34, 1, 1-14.

© 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 161–168

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

■ **How to use this book:** This book is designed to be used in a variety of ways. It can be used as a textbook for a course in statistics, as a reference work, or as a self-study guide. The book is divided into two main parts: the first part covers the theory of statistics, and the second part covers the application of statistics to various fields. The first part is divided into three sections: the first section covers the theory of probability, the second section covers the theory of statistics, and the third section covers the theory of inference. The second part is divided into two sections: the first section covers the application of statistics to various fields, and the second section covers the application of statistics to various fields.

The character of civil litigation will be understood if the average value of suits is taken into consideration. The average value of suits, the value of which can be estimated in money, shows a tendency to increase, but of the total number of suits considerably more than a half are still of a value of not more than Rs. 50 and a substantial proportion are of a value not exceeding Rs. 10. Suits of a value exceeding Rs. 10,000 numbered only 2,550 in 1911 while the number of suits tried in the Courts of Small Causes which exist to provide a cheap and speedy means of recovering small debts, was 2,69,154 in 1911 against 1,91,900 in 1901. Only about 25 per cent. of the total number of suits are contested and a very large proportion go in favour of the plaintiff, showing that the litigation is not unjustified. As mentioned above, the number of appeals shows a general upward tendency. In 1901 the total number of appeals before the courts was 1,23,612; in 1906, 1,25,381; and in 1911, 1,46,363. The number of criminal offences does not show any marked increase. The number of 'true cases', *i. e.* of offences reported less the cases struck off as false, was 11,21,531, in 1901, and the corresponding figure for 1911 was 12,20,283. This increase of 8.8 per cent. was not much greater than the increase in population which was 5½ per cent.

No Indian Judge or Magistrate can try a European British subject unless he happens to be a District Judge or Sessions Judge. The Code of Criminal Procedure thus defines a 'European British subject':— (1) Any subject of Her Majesty born, naturalized, or domiciled in the United Kingdom of Great Britain and Ireland, or in any of the European, American, Australian colonies or possessions of Her Majesty, or in the colony of New Zealand, or in the colony of Cape of Good Hope or Natal; (2) Any child or grand-child of any such person by legitimate descent. Every European British subject brought for trial before the District Magistrate or Sessions Judge has the right, how-

ever, to claim to be tried by a jury of which not less than half the number shall be Europeans or Americans. Before 1872 the trial of European British subjects could take place only before the High Courts and great inconvenience was caused to the parties involved. This state of things was sought to be remedied by the Government of India about 1884 by investing Indian Magistrates and Judges with the power of trying European British subjects. This proposal encountered such a storm of European opposition that the Government were compelled to drop the measure, and the famous Ilbert Bill controversy left the position as it was before the reform was contemplated. "It may be feared that the result of all this has been that we must leave to a distant future the hope that the Government of India will be able to place the law regarding jurisdiction over European British subjects on a satisfactory footing".*

ever, to claim to be tried by a jury of which not less than half the number shall be Europeans or Americans. Before 1872 the trial of European British subjects could take place only before the High Courts and great inconvenience was caused to the parties involved. This state of things was sought to be remedied by the Government of India about 1884 by investing Indian Magistrates and Judges with the power of trying European British subjects. This proposal encountered such a storm of European opposition that the Government were compelled to drop the measure, and the famous Ilbert Bill controversy left the position as it was before the reform was contemplated. "It may be feared that the result of all this has been that we must leave to a distant future the hope that the Government of India will be able to place the law regarding jurisdiction over European British subjects on a satisfactory footing".*



—

CHAPTER XI.

POLICE AND JAILS.

IT is during the later years of British rule that a regular police force has been organised for the prevention and detection of crime. In pre-British days, the responsibility of maintaining peace was thrown up on the shoulders of the village community which was a unit of administration for every purpose. The headman and watchman of the village were, however, held specially answerable for the preservation of peace. When there were large Zamindars, the duty devolved upon them and was performed through the subordinate tenure holders. The real executive police of the country were thus the village watchmen. The police administration of large towns was entrusted to officers called *Kotwals* who received large salaries and had to maintain a considerable constabulary. The *Kotwali** rule in Poona in the days of

* In his introduction to the Peshwas' Diaries, the late Mr. Justice Ranade observes :—" As regards the Police, the Kamavisdar, with his shibandi force of horse and foot, constituted the regular Police defence of the country. In the villages, the Patil and Kulkarni, and the Jaglias or watchmen, consisting of Mahars and Mangs, secured their internal quiet, and in the larger villages or towns, each man had to do watch duty at the Choudi by turns. Besides the Shibandis and the village Police, in large towns Kotwali establishments were organized for the detection and the punishment of crime, and we find that kotwals were appointed at Poona, Nasik, Pandharpur, Nagar, Satara, Wai, Ahmedabad, Burhanpur, Trimbak, and other towns. The Kotwali establishments had also the charge of the conservancy of the cities and scavengers were provided and paid for by cesses levied from householders...The Kotwals at Poona, Nagar, Pandharpur, Junnar, and Nasik had powers of Magistrates in miscellaneous cases, which, in the districts, were disposed of by the Kamavisdars ".

REPORT ON THE PROGRESS OF THE

COMMISSION

FOR THE YEAR 1881

The Commission has the honor to acknowledge the receipt of the report of the Secretary of the Interior, dated at Washington, D. C., the 10th day of January, 1882, in relation to the progress of the work of the Commission during the year 1881. The report is a most valuable and interesting document, and it is with much satisfaction that the Commission has been able to compare its own work with that of the Secretary of the Interior. The Commission has the honor to acknowledge the receipt of the report of the Secretary of the Interior, dated at Washington, D. C., the 10th day of January, 1882, in relation to the progress of the work of the Commission during the year 1881. The report is a most valuable and interesting document, and it is with much satisfaction that the Commission has been able to compare its own work with that of the Secretary of the Interior.

The Commission has the honor to acknowledge the receipt of the report of the Secretary of the Interior, dated at Washington, D. C., the 10th day of January, 1882, in relation to the progress of the work of the Commission during the year 1881. The report is a most valuable and interesting document, and it is with much satisfaction that the Commission has been able to compare its own work with that of the Secretary of the Interior. The Commission has the honor to acknowledge the receipt of the report of the Secretary of the Interior, dated at Washington, D. C., the 10th day of January, 1882, in relation to the progress of the work of the Commission during the year 1881. The report is a most valuable and interesting document, and it is with much satisfaction that the Commission has been able to compare its own work with that of the Secretary of the Interior.

CHAPTER XI.

POLICE AND JAILS.

IT is during the later years of British rule that a regular police force has been organised for the prevention and detection of crime. In pre-British days, the responsibility of maintaining peace was thrown up on the shoulders of the village community which was a unit of administration for every purpose. The headman and watchman of the village were, however, held specially answerable for the preservation of peace. When there were large Zamindars, the duty devolved upon them and was performed through the subordinate tenure holders. The real executive police of the country were thus the village watchmen. The police administration of large towns was entrusted to officers called *Kotwals* who received large salaries and had to maintain a considerable constabulary. The *Kotwali** rule in Poona in the days of

* In his introduction to the Peshwas' Diaries, the late Mr. Justice Ranade observes :—" As regards the Police, the Kamavisdar, with his shibandi force of horse and foot, constituted the regular Police defence of the country. In the villages, the Patil and Kulkarni, and the Jaglias or watchmen, consisting of Mahars and Mangs, secured their internal quiet, and in the larger villages or towns, each man had to do watch duty at the Choudi by turns. Besides the Shibandis and the village Police, in large towns Kotwali establishments were organized for the detection and the punishment of crime, and we find that kotwals were appointed at Poona, Nasik, Pandharpur, Nagar, Satara, Wai, Ahmedabad, Burhanpur, Trimbak, and other towns. The Kotwali establishments had also the charge of the conservancy of the cities and scavengers were provided and paid for by cesses levied from householders...The Kotwals at Poona, Nagar, Pandharpur, Junnar, and Nasik had powers of Magistrates in miscellaneous cases, which, in the districts, were disposed of by the Kamavisdars ".

the later Peshwas is well known. The Moghul Emperors followed and developed this indigenous system which was not unlike that of Saxon England and of the England of Norman times. But the system could not stand the strain of political disorder and the relaxation of the control of the central authority. When the *diwani* of Bengal was conferred upon the East India Company, its officers were confronted with anarchy and disorder. To remedy this state of things, they did not at once overhaul the whole system but maintained the old village organization and tried to improve the machinery for supervision. The Zamindars, who were till that time responsible for the maintenance of order, were relieved of that duty and their police service was commuted for a payment of enhanced revenue. The *nizamat* or criminal jurisdiction which had been left in 1765 under the control of the Nabob was taken over by the East India Company, and the *nizamat* court was removed by Lord Cornwallis from Murshidabad to Calcutta in 1790. The Zamindars were replaced by European Magistrates of districts who had under them for police purposes a staff of 'darogas' and a body of peons. Each district was divided into police jurisdictions or *thanas* of about 20 square miles, each of which was placed under the charge of the 'daroga' who was empowered to maintain a body of constables at the expense of Government. This was the origin of a stipendiary police force under the orders of the chief executive officer of a district, which remained substantially unaltered in Bengal until 1861. The Kotwali system was continued in cities and a daroga was appointed for each ward of the city. The Bengal police organization was adopted in the N. W. Provinces but in Madras and Bombay a different system was followed.

The police reform in Bengal, however, proved a failure and robberies, murders and dacoities were of frequent occurrence. Inquiries were instituted into the causes of this failure, and in 1813 the Court of Directors appointed a spe-

the later Peshwas is well known. The Moghul Emperors followed and developed this indigenous system which was not unlike that of Saxon England and of the England of Norman times. But the system could not stand the strain of political disorder and the relaxation of the control of the central authority. When the *diwani* of Bengal was conferred upon the East India Company, its officers were confronted with anarchy and disorder. To remedy this state of things, they did not at once overhaul the whole system but maintained the old village organization and tried to improve the machinery for supervision. The Zamindars, who were till that time responsible for the maintenance of order, were relieved of that duty and their police service was commuted for a payment of enhanced revenue. The *nizamat* or criminal jurisdiction which had been left in 1765 under the control of the Nabob was taken over by the East India Company, and the *nizamat* court was removed by Lord Cornwallis from Murshidabad to Calcutta in 1790. The Zamindars were replaced by European Magistrates of districts who had under them for police purposes a staff of 'darogas' and a body of peons. Each district was divided into police jurisdictions or *thanas* of about 20 square miles, each of which was placed under the charge of the 'daroga' who was empowered to maintain a body of constables at the expense of Government. This was the origin of a stipendiary police force under the orders of the chief executive officer of a district, which remained substantially unaltered in Bengal until 1861. The Kotwali system was continued in cities and a daroga was appointed for each ward of the city. The Bengal police organization was adopted in the N. W. Provinces but in Madras and Bombay a different system was followed.

The police reform in Bengal, however, proved a failure and robberies, murders and dacoities were of frequent occurrence. Inquiries were instituted into the causes of this failure, and in 1813 the Court of Directors appointed a spe-

The first of these is the fact that the medical profession is a highly organized and self-regulating body. The American Medical Association, for example, is a powerful organization that represents the interests of its members and the public. It has a long history of advocating for the medical profession and the public, and it has been successful in many of its efforts. The second factor is the fact that the medical profession is a highly specialized and technical profession. The training and education of medical professionals is rigorous and lengthy, and it requires a high level of skill and knowledge. This makes it difficult for the public to understand the medical profession and its needs. The third factor is the fact that the medical profession is a highly competitive profession. There are many medical professionals who are highly skilled and experienced, and they are all competing for the same jobs and patients. This makes it difficult for the public to choose a medical professional and to understand the value of the services they provide.

The fourth factor is the fact that the medical profession is a highly ethical profession. Medical professionals are bound by a code of ethics that requires them to act in the best interests of their patients and the public. This makes it difficult for the public to understand the medical profession and its needs. The fifth factor is the fact that the medical profession is a highly complex profession. There are many different medical specialties, and each one has its own set of rules and regulations. This makes it difficult for the public to understand the medical profession and its needs. The sixth factor is the fact that the medical profession is a highly expensive profession. The cost of medical services is high, and this makes it difficult for the public to understand the medical profession and its needs. The seventh factor is the fact that the medical profession is a highly influential profession. Medical professionals have a great deal of power and influence over the health of the public, and this makes it difficult for the public to understand the medical profession and its needs. The eighth factor is the fact that the medical profession is a highly diverse profession. There are many different types of medical professionals, and each one has their own unique skills and knowledge. This makes it difficult for the public to understand the medical profession and its needs. The ninth factor is the fact that the medical profession is a highly dynamic profession. The medical profession is constantly changing, and this makes it difficult for the public to understand the medical profession and its needs. The tenth factor is the fact that the medical profession is a highly important profession. The medical profession is responsible for the health and well-being of the public, and this makes it difficult for the public to understand the medical profession and its needs.

The medical profession is a highly complex and influential profession, and it is important for the public to understand its needs and challenges. The American Medical Association and other medical organizations are working to educate the public about the medical profession and its needs, and they are making progress. The public should continue to support the medical profession and to understand its needs and challenges.

cial committee of their own body for this purpose. Next year the Court issued orders in which they condemned the establishment of darogas and their subordinates and insisted strongly on the maintenance of the village police as forming in every village the best security of internal peace. "They pointed out that the village police secures the aid and co-operation of the people at large in the support and furtherance of its operations, because it is organized in a mode which adapts itself to their customs; that any system for the general management of the police of the country which is not built on that foundation must be radically defective and inadequate; and that the preservation of social order and tranquillity can never be effected by the feeble operation of a few 'darogas' and peons stationed through an extensive country, wanting in local influence and connection with the people, insufficiently remunerated to induce respectable men to accept the office, placed beyond the sight and control of the Magistrate and surrounded with various temptations to betray their trust."* Effect was given to this principle laid down by the Court of Directors in 1816 in Madras where the establishment of darogas was abolished and the village system was called back to life. The village headmen were directed to apprehend offenders and send them to the tahsildars who were appointed heads of police of their districts under the general supervision of the European Magistrate. The Madras organization was adopted in Bombay in 1827 with the difference that the general supervision was entrusted not to the executive Government as in Madras, but to the Sadder Faujdari Adalat or the Supreme Criminal Court. In the absence of a subordinate revenue establishment as in Madras and Bombay, the daroga and his men had to be retained in Bengal though with curtailed powers. An important step was taken in that presidency in 1808 when a Superintendent of Police with criminal juris-

* Report of the Indian Police Commission, 1902-03.

cial committee of their own body for this purpose. Next year the Court issued orders in which they condemned the establishment of darogas and their subordinates and insisted strongly on the maintenance of the village police as forming in every village the best security of internal peace. "They pointed out that the village police secures the aid and co-operation of the people at large in the support and furtherance of its operations, because it is organized in a mode which adapts itself to their customs; that any system for the general management of the police of the country which is not built on that foundation must be radically defective and inadequate; and that the preservation of social order and tranquillity can never be effected by the feeble operation of a few 'darogas' and peons stationed through an extensive country, wanting in local influence and connection with the people, insufficiently remunerated to induce respectable men to accept the office, placed beyond the sight and control of the Magistrate and surrounded with various temptations to betray their trust."* Effect was given to this principle laid down by the Court of Directors in 1816 in Madras where the establishment of darogas was abolished and the village system was called back to life. The village headmen were directed to apprehend offenders and send them to the tahsildars who were appointed heads of police of their districts under the general supervision of the European Magistrate. The Madras organization was adopted in Bombay in 1827 with the difference that the general supervision was entrusted not to the executive Government as in Madras, but to the Sadder Faujdari Adalat or the Supreme Criminal Court. In the absence of a subordinate revenue establishment as in Madras and Bombay, the daroga and his men had to be retained in Bengal though with curtailed powers. An important step was taken in that presidency in 1808 when a Superintendent of Police with criminal juris-

* Report of the Indian Police Commission, 1902-03.

diction was appointed. He worked with the help of spies and informers to suppress dacoity and the system showed satisfactory results. The Superintendents were, however, abolished in 1829 when Divisional Commissioners were appointed for the first time and the Collector-Magistrate became the head of the police, the functions of Superintendent being performed for each Division by the Commissioner. The attention of the Court of Directors was once more directed to the question of the chaotic and inefficient character of the Police in India and committees were once more appointed to make inquiries. No action was, however, taken for many years upon the recommendations that were made to the Court. The chief defects of the existing system were that the police force was imperfectly organized and the magistrates were overburdened with other duties that tended to weaken their supervision over the police. The duties of Magistrate and Police Superintendent were first separated in Presidency Towns. When Sir Charles Napier was called upon to organize the administration of Sind after its conquest in 1843, he adopted this principle taking as his model the Irish constabulary. The peculiarity of his system lay in the fact that the Sind police was made an entirely separate department of the executive Government, independent of the judicial authority. The Government of Bombay decided to borrow a leaf out of Sir Charles Napier's book, and in 1855 the Bombay police was remodelled after the Sind pattern. Under this system, for police purposes each district was placed in the charge of a Superintendent who had exclusive control over the force though he was generally subordinate to the Magistrate. Over every taluka was appointed a subordinate police officer who held to the Mamlatdar the same relation as the Superintendent to the Magistrate and the supreme control over the police was transferred from the Court of Faujdari Adalat to the Government. This last feature was found to work unsatisfactorily and in 1855 the administration of the police was trans-

diction was appointed. He worked with the help of spies and informers to suppress dacoity and the system showed satisfactory results. The Superintendents were, however, abolished in 1829 when Divisional Commissioners were appointed for the first time and the Collector-Magistrate became the head of the police, the functions of Superintendent being performed for each Division by the Commissioner. The attention of the Court of Directors was once more directed to the question of the chaotic and inefficient character of the Police in India and committees were once more appointed to make inquiries. No action was, however, taken for many years upon the recommendations that were made to the Court. The chief defects of the existing system were that the police force was imperfectly organized and the magistrates were overburdened with other duties that tended to weaken their supervision over the police. The duties of Magistrate and Police Superintendent were first separated in Presidency Towns. When Sir Charles Napier was called upon to organize the administration of Sind after its conquest in 1843, he adopted this principle taking as his model the Irish constabulary. The peculiarity of his system lay in the fact that the Sind police was made an entirely separate department of the executive Government, independent of the judicial authority. The Government of Bombay decided to borrow a leaf out of Sir Charles Napier's book, and in 1855 the Bombay police was remodelled after the Sind pattern. Under this system, for police purposes each district was placed in the charge of a Superintendent who had exclusive control over the force though he was generally subordinate to the Magistrate. Over every taluka was appointed a subordinate police officer who held to the Mamlatdar the same relation as the Superintendent to the Magistrate and the supreme control over the police was transferred from the Court of Faujdari Adalat to the Government. This last feature was found to work unsatisfactorily and in 1855 the administration of the police was trans-

information. The second section is a list of the names of the authors of the articles. The third section is a list of the titles of the articles. The fourth section is a list of the subjects of the articles. The fifth section is a list of the years of publication of the articles. The sixth section is a list of the publishers of the articles. The seventh section is a list of the countries of origin of the articles. The eighth section is a list of the languages of the articles. The ninth section is a list of the types of articles. The tenth section is a list of the methods of research. The eleventh section is a list of the results of the research. The twelfth section is a list of the conclusions of the research. The thirteenth section is a list of the recommendations of the research. The fourteenth section is a list of the references of the research. The fifteenth section is a list of the acknowledgments of the research. The sixteenth section is a list of the appendices of the research. The seventeenth section is a list of the figures of the research. The eighteenth section is a list of the tables of the research. The nineteenth section is a list of the footnotes of the research. The twentieth section is a list of the endnotes of the research.

The first section is a list of the names of the authors of the articles. The second section is a list of the titles of the articles. The third section is a list of the subjects of the articles. The fourth section is a list of the years of publication of the articles. The fifth section is a list of the publishers of the articles. The sixth section is a list of the countries of origin of the articles. The seventh section is a list of the languages of the articles. The eighth section is a list of the types of articles. The ninth section is a list of the methods of research. The tenth section is a list of the results of the research. The eleventh section is a list of the conclusions of the research. The twelfth section is a list of the recommendations of the research. The thirteenth section is a list of the references of the research. The fourteenth section is a list of the acknowledgments of the research. The fifteenth section is a list of the appendices of the research. The sixteenth section is a list of the figures of the research. The seventeenth section is a list of the tables of the research. The eighteenth section is a list of the footnotes of the research. The nineteenth section is a list of the endnotes of the research.

ferred to a Commissioner of Police who was also Inspector of Prisons. A reform on similar lines was effected in Madras in 1859 when the grave abuses in the working of the police in that Presidency were revealed by the disclosures of what is known as the Torture Commission. The lead of reform was followed in the Punjab and other provinces and the importance of the subject was so keenly felt that the Government of India in 1860 appointed a Commission to inquire into the whole question of police administration in India and to submit proposals for increasing the efficiency and reducing the excessive expenditure.

Chief among the recommendations were that at the head of the police in each province there should be an Inspector General and at the head of a District a Superintendent. The subordinate force was to consist of Inspectors, head constables, sergeants and constables, the head constable being in charge of a police station and the Inspector of a group of stations. The Commission recommended that Commissioners of Divisions should cease to be Superintendents of police though they did not wish to limit their general control over the criminal administration and their authority over District Magistrates. These recommendations were embodied in a Bill which was passed into law as Act V of 1861. With the exception of Bombay, the police forces were organized on the lines laid down in this Act with certain variations. In Bombay, however, under the local District Police Act, the District Superintendent and his staff were placed under the control of the Magistrate of the District who was himself subject to the orders of the Commissioner. The Inspector General of Police had been abolished in 1860, but was restored twenty four years later. The officers in the Indian Police Service were drawn, for many years, from the commissioned ranks of the Native Army and were afterwards appointed by nomination alone. In 1893 the system of competition in England and in India was introduced and officers already in the public service



ferred to a Commissioner of Police who was also Inspector of Prisons. A reform on similar lines was effected in Madras in 1859 when the grave abuses in the working of the police in that Presidency were revealed by the disclosures of what is known as the Torture Commission. The lead of reform was followed in the Punjab and other provinces and the importance of the subject was so keenly felt that the Government of India in 1860 appointed a Commission to inquire into the whole question of police administration in India and to submit proposals for increasing the efficiency and reducing the excessive expenditure.

Chief among the recommendations were that at the head of the police in each province there should be an Inspector General and at the head of a District a Superintendent. The subordinate force was to consist of Inspectors, head constables, sergeants and constables, the head constable being in charge of a police station and the Inspector of a group of stations. The Commission recommended that Commissioners of Divisions should cease to be Superintendents of police though they did not wish to limit their general control over the criminal administration and their authority over District Magistrates. These recommendations were embodied in a Bill which was passed into law as Act V of 1861. With the exception of Bombay, the police forces were organized on the lines laid down in this Act with certain variations. In Bombay, however, under the local District Police Act, the District Superintendent and his staff were placed under the control of the Magistrate of the District who was himself subject to the orders of the Commissioner. The Inspector General of Police had been abolished in 1860, but was restored twenty four years later. The officers in the Indian Police Service were drawn, for many years, from the commissioned ranks of the Native Army and were afterwards appointed by nomination alone. In 1893 the system of competition in England and in India was introduced and officers already in the public service

were also promoted. The Police Commission of 1902 regarded the system introduced in 1860 as, on the whole, a wise and efficient one, and the main causes of its failure were thus pointed out:—"That the extent to which the village police must co-operate with the regular police has been lost sight of, and an attempt has almost everywhere been made to do all the police work through the officers of the department; that the importance of police work has been under-estimated, and responsible duties have ordinarily been entrusted to untrained and ill-educated officers recruited in the lowest ranks from the lower strata of society; that supervision has been defective owing to the failure to appoint even the staff contemplated by the law and to increase that staff with the growing necessities of administration; that the superior officers of the department have been insufficiently trained and have been allowed from various causes to get out of acquaintance and sympathy with the people and out of touch even with their subordinates; and that their sense of responsibility has been weakened by a degree of interference never contemplated by the authors of the system."

The recommendations of the Commission were naturally designed to combat the above evils in the existing organization and character of the police, and had reference to the method of recruiting superior and subordinate officers, to their salaries and their respective duties, to the establishment of training schools, the creation of a criminal Investigation Department for each province, the necessity of developing existing village agencies available for police work and to the urgency of improving the general tone of the police force which failed to inspire confidence in the minds of the people. In a lengthy Resolution issued on the Commission's report in 1905, the Government of India characterized the picture drawn by the Commission, of the corruption and inefficiency of the Police as highly exaggerated, concurred with it on the whole in its

were also promoted. The Police Commission of 1902 regarded the system introduced in 1860 as, on the whole, a wise and efficient one, and the main causes of its failure were thus pointed out:—"That the extent to which the village police must co-operate with the regular police has been lost sight of, and an attempt has almost everywhere been made to do all the police work through the officers of the department; that the importance of police work has been under-estimated, and responsible duties have ordinarily been entrusted to untrained and ill-educated officers recruited in the lowest ranks from the lower strata of society; that supervision has been defective owing to the failure to appoint even the staff contemplated by the law and to increase that staff with the growing necessities of administration; that the superior officers of the department have been insufficiently trained and have been allowed from various causes to get out of acquaintance and sympathy with the people and out of touch even with their subordinates; and that their sense of responsibility has been weakened by a degree of interference never contemplated by the authors of the system."

The recommendations of the Commission were naturally designed to combat the above evils in the existing organization and character of the police, and had reference to the method of recruiting superior and subordinate officers, to their salaries and their respective duties, to the establishment of training schools, the creation of a criminal Investigation Department for each province, the necessity of developing existing village agencies available for police work and to the urgency of improving the general tone of the police force which failed to inspire confidence in the minds of the people. In a lengthy Resolution issued on the Commission's report in 1905, the Government of India characterized the picture drawn by the Commission, of the corruption and inefficiency of the Police as highly exaggerated, concurred with it on the whole in its

main conclusions, and accepted its chief proposals. These were calculated to involve an additional expenditure of nearly a crore and a half of rupees a year ; the actual expenditure since 1905 has exceeded even this amount. The proposals of the Commission have been carried out to a large extent in almost all provinces. There is a great improvement in the organization, the pay and prospects of the police as a whole, but its general character and tone about which the Commission of 1902 felt called upon to make strong remarks, yet leave much to be desired. Government are themselves conscious of these imperfections and point out the difficulties which lie in the way of reform. It is admitted that the police can never do its work successfully unless and until it inspires confidence in the public mind which at present it hardly does. It is in this direction that improvement has to be made.

In most provinces, the police establishment forms a single force under the Local Government, there being a separate force for each district in Bombay. At the head of the department is an Inspector General of Police who is a police officer or a member of the Indian Civil Service. The province is divided into 'ranges' which are in the charge of Deputy Inspectors General. Each district is in the charge of a District Superintendent who is responsible for the discipline and internal management of the force, and in all matters concerned with the preservation of peace and the detection and suppression of crime, is the subordinate of the District Magistrate. He has one or more Assistant or Deputy Superintendents. Assistant Superintendents are recruited in England by competitive examination from candidates who must be British subjects of European descent but direct appointment may be made in India in exceptional cases. Deputy Superintendents are recruited in India partly by promotion and partly by direct appointment of Indians having the necessary qualifications required for the Provincial

main conclusions, and accepted its chief proposals. These were calculated to involve an additional expenditure of nearly a crore and a half of rupees a year ; the actual expenditure since 1905 has exceeded even this amount. The proposals of the Commission have been carried out to a large extent in almost all provinces. There is a great improvement in the organization, the pay and prospects of the police as a whole, but its general character and tone about which the Commission of 1902 felt called upon to make strong remarks, yet leave much to be desired. Government are themselves conscious of these imperfections and point out the difficulties which lie in the way of reform. It is admitted that the police can never do its work successfully unless and until it inspires confidence in the public mind which at present it hardly does. It is in this direction that improvement has to be made.

In most provinces, the police establishment forms a single force under the Local Government, there being a separate force for each district in Bombay. At the head of the department is an Inspector General of Police who is a police officer or a member of the Indian Civil Service. The province is divided into 'ranges' which are in the charge of Deputy Inspectors General. Each district is in the charge of a District Superintendent who is responsible for the discipline and internal management of the force, and in all matters concerned with the preservation of peace and the detection and suppression of crime, is the subordinate of the District Magistrate. He has one or more Assistant or Deputy Superintendents. Assistant Superintendents are recruited in England by competitive examination from candidates who must be British subjects of European descent but direct appointment may be made in India in exceptional cases. Deputy Superintendents are recruited in India partly by promotion and partly by direct appointment of Indians having the necessary qualifications required for the Provincial

Services. The district is divided for Police purposes into sections or circles, under Inspectors and the circle is again split up into smaller areas each of which has a Police Station in the charge of a subordinate officer who is in many provinces a Sub-Inspector. The average area of a Police Station is about 200 square miles. In this Presidency there are also subsidiary police stations known as outposts. A reserve is kept at the head-quarters of each district to supply men in case of need. A small proportion of the police are mounted. On frontier tracts in Bengal, Assam, Burma and North West Frontier Province a force of military police is maintained. Apart from the regular or stipendiary force, the immemorial institution of the village watchman still survives almost everywhere throughout India. The old theory that the prevention and detection of crime is a local responsibility has been emphasised and always accepted by the British Government but it has, for the most, neglected to maintain the efficiency of the village watchmen and to harmonise the working of the rural and stipendiary systems. The regular police have, however, to depend largely on the village officers for information and assistance. The watchman is under the direct control of the headman on whom rests the responsibility to report crime and to help the execution of justice. In Bengal where there are no headmen, the 'Chaukidars' are regular low-paid police officers and in other parts of Northern India they are partly subordinate to the village elders or 'lambardars' and partly responsible to the officer in charge of the Police Station. The village watchmen are remunerated in different ways in the different provinces by grants of rent-free land, fees or monthly salaries paid from cesses. They are under the supervision and control not of the regular police officers but of the Collector or Deputy Commissioner. For the detection of local crime their services are invaluable but they are said to have little stimulus for exertion and their condition is unsatisfactory.

Services. The district is divided for Police purposes into sections or circles, under Inspectors and the circle is again split up into smaller areas each of which has a Police Station in the charge of a subordinate officer who is in many provinces a Sub-Inspector. The average area of a Police Station is about 200 square miles. In this Presidency there are also subsidiary police stations known as outposts. A reserve is kept at the head-quarters of each district to supply men in case of need. A small proportion of the police are mounted. On frontier tracts in Bengal, Assam, Burma and North West Frontier Province a force of military police is maintained. Apart from the regular or stipendiary force, the immemorial institution of the village watchman still survives almost everywhere throughout India. The old theory that the prevention and detection of crime is a local responsibility has been emphasised and always accepted by the British Government but it has, for the most, neglected to maintain the efficiency of the village watchmen and to harmonise the working of the rural and stipendiary systems. The regular police have, however, to depend largely on the village officers for information and assistance. The watchman is under the direct control of the headman on whom rests the responsibility to report crime and to help the execution of justice. In Bengal where there are no headmen, the 'Chaukidars' are regular low-paid police officers and in other parts of Northern India they are partly subordinate to the village elders or 'Iambardars' and partly responsible to the officer in charge of the Police Station. The village watchmen are remunerated in different ways in the different provinces by grants of rent-free land, fees or monthly salaries paid from cesses. They are under the supervision and control not of the regular police officers but of the Collector or Deputy Commissioner. For the detection of local crime their services are invaluable but they are said to have little stimulus for exertion and their condition is unsatisfactory.

In the Presidency towns and in Rangoon there are separate police forces under Commissioners. Similarly the organization of the Railway police is distinct from the district police though they act in co-operation. Obviously the Railway police are concerned with the maintenance of law and order and watch and ward over railway property and are provided for by the railway administration. In most provinces the bulk of the rank and file of the police are illiterate. Recently training schools for constables have been established in certain provinces and special central police training schools are to be found in almost all provinces. It is believed that there will be gradual improvement in the Indian police as more literate and trained men come to be employed in that force. Offences are classed by law as 'cognizable' or 'non-cognizable' according as the culprit may or may not be arrested without a warrant. In the case of the former class of offences the accused must be taken by the investigating officer before a Magistrate who records his confession if he makes one. Great care has to be taken to see that the confession is perfectly voluntary. An accused person cannot be detained by the police for more than 24 hours without a Magistrate's special order. In ordinary cases the prosecution is conducted by the Inspector or sub-Inspector, but in serious ones a pleader may be engaged or the work may be done by the district or Assistant Superintendent. Cases that come before a sessions court are conducted by the Government pleader. Besides detecting crime, the police have also to prevent crime and for this purpose they have to keep a constant watch on the movements of habitual offenders and suspected characters. Tribes and gangs of thieves and robbers who make thefts and robberies the regular avocation of their lives have to be specially watched and brought to book. An endeavour is being made to reclaim some of these criminal tribes. The 'Bhampas' who were recently tried and punished at Poona for their systematic thievish operations over an extensive area,

In the Presidency towns and in Rangoon there are separate police forces under Commissioners. Similarly the organization of the Railway police is distinct from the district police though they act in co-operation. Obviously the Railway police are concerned with the maintenance of law and order and watch and ward over railway property and are provided for by the railway administration. In most provinces the bulk of the rank and file of the police are illiterate. Recently training schools for constables have been established in certain provinces and special central police training schools are to be found in almost all provinces. It is believed that there will be gradual improvement in the Indian police as more literate and trained men come to be employed in that force. Offences are classed by law as 'cognizable' or 'non-cognizable' according as the culprit may or may not be arrested without a warrant. In the case of the former class of offences the accused must be taken by the investigating officer before a Magistrate who records his confession if he makes one. Great care has to be taken to see that the confession is perfectly voluntary. An accused person cannot be detained by the police for more than 24 hours without a Magistrate's special order. In ordinary cases the prosecution is conducted by the Inspector or sub-Inspector, but in serious ones a pleader may be engaged or the work may be done by the district or Assistant Superintendent. Cases that come before a sessions court are conducted by the Government pleader. Besides detecting crime, the police have also to prevent crime and for this purpose they have to keep a constant watch on the movements of habitual offenders and suspected characters. Tribes and gangs of thieves and robbers who make thefts and robberies the regular avocation of their lives have to be specially watched and brought to book. An endeavour is being made to reclaim some of these criminal tribes. The 'Bhampas' who were recently tried and punished at Poona for their systematic thievish operations over an extensive area,

are typical of one of these classes of criminals. The work of detecting organized crime was long in the hands of the Thagi and Dakaiti Department which was abolished in 1904 and was replaced by the Criminal Intelligence Department under the control of a Director. Provincial Criminal Investigation Departments have now been organized with the object of providing full and systematic information with regard to important and organized crime.

The total sanctioned strength of the civil police in 1911 was 1,89,993 and the village watchmen are estimated at about 7,00,000. The strength of the military police which is extensively employed in Burma was 2,261 in the same year. The reorganization effected in 1905 added considerably to the cost of the police. The total police charges which amounted, in 1901-02 to £ 2,691,344 increased to £4,602,977 in 1911-12. The receipts from fees, fines &c. and on account of police supplied to municipalities, private companies and persons came to £ 1,22,738 in 1911-12, so that deducting these, the net charges in that year amounted to £ 4,480,239. The average number of regular civil police per 10,000 of population was in 1911-12, for Bengal, 4·4; Bombay, 12·9; Madras, 7·8; Burma, 13·1; and Punjab, 9·6.

In India, as in England and other countries, the treatment accorded to persons convicted by the law courts was, for centuries, very harsh and often brutal. Not to speak of pillorying and whipping at the cart's tail or mutilating and maiming, which were resorted to without compunction, the condition of the dark and dirty cells to which prisoners were consigned was such as would be regarded as a disgrace to a civilized people to-day. An account of the old pestilential prisons and the unwholesome food given to their inmates would be read with horror by the present generation. The question of prison reform was taken up in England by a few conscientious and determined philanthropists and the public conscience was roused to the necessity of improving the shocking condition of the national

are typical of one of these classes of criminals. The work of detecting organized crime was long in the hands of the Thagi and Dakaiti Department which was abolished in 1904 and was replaced by the Criminal Intelligence Department under the control of a Director. Provincial Criminal Investigation Departments have now been organized with the object of providing full and systematic information with regard to important and organized crime.

The total sanctioned strength of the civil police in 1911 was 1,89,993 and the village watchmen are estimated at about 7,00,000. The strength of the military police which is extensively employed in Burma was 2,261 in the same year. The reorganization effected in 1905 added considerably to the cost of the police. The total police charges which amounted, in 1901-02 to £ 2,691,344 increased to £4,602,977 in 1911-12. The receipts from fees, fines &c. and on account of police supplied to municipalities, private companies and persons came to £ 1,22,738 in 1911-12, so that deducting these, the net charges in that year amounted to £ 4,480,239. The average number of regular civil police per 10,000 of population was in 1911-12, for Bengal, 4·4; Bombay, 12·9; Madras, 7·8; Burma, 13·1; and Punjab, 9·6.

In India, as in England and other countries, the treatment accorded to persons convicted by the law courts was, for centuries, very harsh and often brutal. Not to speak of pillorying and whipping at the cart's tail or mutilating and maiming, which were resorted to without compunction, the condition of the dark and dirty cells to which prisoners were consigned was such as would be regarded as a disgrace to a civilized people to-day. An account of the old pestilential prisons and the unwholesome food given to their inmates would be read with horror by the present generation. The question of prison reform was taken up in England by a few conscientious and determined philanthropists and the public conscience was roused to the necessity of improving the shocking condition of the national

[illegible]

The first of these is the fact that the

Journal of the American Medical Association

 has been the only one of the major

 medical journals to publish a

 statement of the American Medical

 Association's position on the

 issue of physician-assisted

 suicide. The statement, which

 was published in the

Journal in 1994, is

 a clear and

 unequivocal statement

 of the American Medical

 Association's

 opposition to physician-

 assisted suicide.

 The statement

 is a

 clear and

 unequivocal

 statement

 of the American

 Medical

 Association's

 opposition

 to physician-

 assisted

 suicide.

The results of the study show that the majority of respondents (75%) are satisfied with the current state of the company's financial health. This is a positive indicator of the company's financial stability and the effectiveness of its financial management. However, there are also areas for improvement. For example, 25% of respondents are dissatisfied with the company's financial performance, which may be due to various factors such as increased competition, rising costs, or changes in market demand.

jails. Compared with the prisons of former times the jails of to-day are palaces and the principle has been appreciated that punishment is meant as a corrective as much as a deterrent. Prison reform has been carried out upon this principle and it has been adopted by the British Government in this country. The present jail administration in India is regulated generally by the Prisons Act of 1894 and by rules issued under it by the various Governments. Before that they were regulated by local enactments in Madras, Bombay and Bengal and by the Act of 1870 passed by the Governor General's Council, in territory immediately under the Government of India. There was, therefore, a great diversity in the jail rules and discipline, and it was the chief object of the Act of 1894 to secure uniformity so far as possible in respect of the recognized jail offences and the punishments to be inflicted. In 1896, the Government of India issued a series of rules for the regulation of jails, which had reference to the definition of prison offences, the classification of punishments, the award of marks, the shortening of sentences and a few other points. The punishments authorized by the Indian Penal Code for convicted offenders include transportation, penal servitude, rigorous imprisonment, which may include short periods of solitary confinement and simple imprisonment. Civil and under-trial prisoners have also to be accommodated in the jails.

The jails are classed under three heads, central, district and subsidiary. Jails of the first class are intended for prisoners sentenced to one year's imprisonment. Those who are sentenced to a term of from 15 days to a year may be detained in the District Jail at the headquarters of the district, while the subsidiary jails or lock-ups are meant for persons under trial and sentenced to less than 15 days' imprisonment. There is an Inspector General under each Local Government who exercises general control over the jails within his province. This official is usually a member of the

jails. Compared with the prisons of former times the jails of to-day are palaces and the principle has been appreciated that punishment is meant as a corrective as much as a deterrent. Prison reform has been carried out upon this principle and it has been adopted by the British Government in this country. The present jail administration in India is regulated generally by the Prisons Act of 1894 and by rules issued under it by the various Governments. Before that they were regulated by local enactments in Madras, Bombay and Bengal and by the Act of 1870 passed by the Governor General's Council, in territory immediately under the Government of India. There was, therefore, a great diversity in the jail rules and discipline, and it was the chief object of the Act of 1894 to secure uniformity so far as possible in respect of the recognized jail offences and the punishments to be inflicted. In 1896, the Government of India issued a series of rules for the regulation of jails, which had reference to the definition of prison offences, the classification of punishments, the award of marks, the shortening of sentences and a few other points. The punishments authorized by the Indian Penal Code for convicted offenders include transportation, penal servitude, rigorous imprisonment, which may include short periods of solitary confinement and simple imprisonment. Civil and under-trial prisoners have also to be accommodated in the jails.

The jails are classed under three heads, central, district and subsidiary. Jails of the first class are intended for prisoners sentenced to one year's imprisonment. Those who are sentenced to a term of from 15 days to a year may be detained in the District Jail at the headquarters of the district, while the subsidiary jails or lock-ups are meant for persons under trial and sentenced to less than 15 days' imprisonment. There is an Inspector General under each Local Government who exercises general control over the jails within his province. This official is usually a member of the

Indian Medical Service and the Superintendents of central jails are generally men from that same service. Every jail has four officers, *viz.* a superintendent who looks after matters connected with discipline, labour, expenditure, punishment and control subject to the orders of the District Magistrate in the case of district jails; a medical officer who has charge of the sanitary administration; a medical subordinate; and a jailer. The first two offices may be and are generally combined in one person. Most of the district and other jails are in the charge of the Civil Surgeon of the district. There are, besides, warders and convict officers, many of the convicts being employed in this capacity as an inducement to good behaviour. Prisoners are mostly confined in association and one important reform contemplated by the Act of 1894 was the gradual introduction of the separate cell system. Financial difficulties have prevented the carrying out of this reform, but gradual progress is being made in that direction. The provision of cells for separate confinement, has been carried farthest in Madras. Female prisoners are kept entirely separate from males; so are prisoners under 18 years of age from old prisoners. A further distinction is made between boys and youths, convicted and unconvicted prisoners and prisoners civil and criminal. Prisoners are fettered only to restrain violence and the hours of work do not exceed nine. There has been a steady improvement in the health of the prison population which compares favourably with that of the general working population. The mark system under which convicts can earn remission of sentence by good conduct was found to give satisfactory results and it was slightly modified in 1907, the remission earned being now recorded in days instead of in marks. Convicts are mostly made to work on the jail premises and are employed on jail service and repairs and in workshops. The maximum limit of age of what are called 'youthful offenders' is 15, and offenders below that limit are either sent to reformatory schools or

Indian Medical Service and the Superintendents of central jails are generally men from that same service. Every jail has four officers, *viz.* a superintendent who looks after matters connected with discipline, labour, expenditure, punishment and control subject to the orders of the District Magistrate in the case of district jails; a medical officer who has charge of the sanitary administration; a medical subordinate; and a jailer. The first two offices may be and are generally combined in one person. Most of the district and other jails are in the charge of the Civil Surgeon of the district. There are, besides, warders and convict officers, many of the convicts being employed in this capacity as an inducement to good behaviour. Prisoners are mostly confined in association and one important reform contemplated by the Act of 1894 was the gradual introduction of the separate cell system. Financial difficulties have prevented the carrying out of this reform, but gradual progress is being made in that direction. The provision of cells for separate confinement, has been carried farthest in Madras. Female prisoners are kept entirely separate from males; so are prisoners under 18 years of age from old prisoners. A further distinction is made between boys and youths, convicted and unconvicted prisoners and prisoners civil and criminal. Prisoners are fettered only to restrain violence and the hours of work do not exceed nine. There has been a steady improvement in the health of the prison population which compares favourably with that of the general working population. The mark system under which convicts can earn remission of sentence by good conduct was found to give satisfactory results and it was slightly modified in 1907, the remission earned being now recorded in days instead of in marks. Convicts are mostly made to work on the jail premises and are employed on jail service and repairs and in workshops. The maximum limit of age of what are called 'youthful offenders' is 15, and offenders below that limit are either sent to reformatory schools or

are delivered over to their parents' custody or are discharged with a warning. Special provision is made for teaching useful trades to another class of prisoners, viz. the 'young adults', those who are between 15 and 18 years of age. The Reformatory Schools are administered by the Education Department and care is taken to give the boys useful education so that they may be fitted for employment on leaving school. Almost every province has now one school each and the seven schools open in 1911 contained 1,312 boys as compared with 1,227 in the seven schools which were open in 1901. The number of girl prisoners is very small, and Magistrates have been directed, as far as possible, to discharge girls on admonition or deliver them to their parents or guardians.

Port Blair in the Andaman Islands is the only penal settlement where sentences of transportation are carried out. Convicts sentenced to transportation for life or for a term of years, of which six shall have still to run, may be transported to the Andamans. The Prison Committee of 1838 held that transportation should be for life only, but in 1874 the practice of sending term-convicts was re-established. A Commission of two officers appointed later on to inquire into the subject, however, recommended that the transportation of male term-convicts should be discontinued and orders were passed accordingly by the Government of India in 1891. But Government afterwards reverted to the old system in consequence of provision being made in India for enforcing close penal discipline in cellular jails. There are five different stages in the life of a transported convict, he being promoted from one class to another above it, the rigour of the discipline and the hardness of work being moderated at each stage. An ordinary convict may earn his release after twenty years by good conduct and a dacoit after twenty five. The penal settlement is administered by a Superintendent and a staff of subordinates and assistants. The convict population of Port Blair numbered 14,709 in 1905-06 and in 1912 it was 11,235. Of

are delivered over to their parents' custody or are discharged with a warning. Special provision is made for teaching useful trades to another class of prisoners, viz. the 'young adults', those who are between 15 and 18 years of age. The Reformatory Schools are administered by the Education Department and care is taken to give the boys useful education so that they may be fitted for employment on leaving school. Almost every province has now one school each and the seven schools open in 1911 contained 1,312 boys as compared with 1,227 in the seven schools which were open in 1901. The number of girl prisoners is very small, and Magistrates have been directed, as far as possible, to discharge girls on admonition or deliver them to their parents or guardians.

Port Blair in the Andaman Islands is the only penal settlement where sentences of transportation are carried out. Convicts sentenced to transportation for life or for a term of years, of which six shall have still to run, may be transported to the Andamans. The Prison Committee of 1838 held that transportation should be for life only, but in 1874 the practice of sending term-convicts was re-established. A Commission of two officers appointed later on to inquire into the subject, however, recommended that the transportation of male term-convicts should be discontinued and orders were passed accordingly by the Government of India in 1891. But Government afterwards reverted to the old system in consequence of provision being made in India for enforcing close penal discipline in cellular jails. There are five different stages in the life of a transported convict, he being promoted from one class to another above it, the rigour of the discipline and the hardness of work being moderated at each stage. An ordinary convict may earn his release after twenty years by good conduct and a dacoit after twenty five. The penal settlement is administered by a Superintendent and a staff of subordinates and assistants. The convict population of Port Blair numbered 14,709 in 1905-06 and in 1912 it was 11,235. Of

the latter 10,633 were males and 602 females. Of these, 1,566 and 272 respectively, mostly occupied as cultivators, were 'self supporters'. A well-behaved convict when he reaches the first class is granted a ticket enabling him to support himself, with a plot of land. He may then send for his family or marry a female convict. In 1911, there were in India 41 central jails, 188 district jails and 524 subsidiary jails. The number of prisoners of all classes received during the year was 4,52,489 males and 18,024 females. The average number of all classes of prisoners was 1,03,001 and of convicted criminals, 90,783. Of the convicts sentenced to labour, 21.7 per cent. were employed as prison officers and servants and 40.2 on manufactures.

the latter 10,633 were males and 602 females. Of these, 1,566 and 272 respectively, mostly occupied as cultivators, were 'self supporters'. A well-behaved convict when he reaches the first class is granted a ticket enabling him to support himself, with a plot of land. He may then send for his family or marry a female convict. In 1911, there were in India 41 central jails, 188 district jails and 524 subsidiary jails. The number of prisoners of all classes received during the year was 4,52,489 males and 18,024 females. The average number of all classes of prisoners was 1,03,001 and of convicted criminals, 90,783. Of the convicts sentenced to labour, 21·7 per cent. were employed as prison officers and servants and 40·2 on manufactures.

The first of these is the fact that the majority of the information sources are not available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The second of these is the fact that the information sources are not always available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The third of these is the fact that the information sources are not always available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The fourth of these is the fact that the information sources are not always available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The fifth of these is the fact that the information sources are not always available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The sixth of these is the fact that the information sources are not always available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The seventh of these is the fact that the information sources are not always available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The eighth of these is the fact that the information sources are not always available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The ninth of these is the fact that the information sources are not always available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases. The tenth of these is the fact that the information sources are not always available in the form of a single, unified database. This is due to the fact that the information sources are distributed across a wide range of different media, including print, microfilm, microfiche, and electronic databases.

CHAPTER XII.

EDUCATION.

THE existing educational system in India is based upon the principles for the first time definitely laid down in the memorable despatch of the Court of Directors of the year 1854. It is known as Sir Charles Wood's Despatch and is looked upon as the educational charter of the people of India. The systematic promotion of education in this country was, thereby, accepted as one of the duties of the State and it was at the same time declared that the type of that education should have for its object the diffusion of the arts, science, philosophy and literature of Europe. The purport of that document is thus summarised in the Report of the Education Commission, 1882 :—"The Despatch of 1854 commends to the special attention of the Government of India the improvement and far wider extension of education, both English and vernacular, and prescribes as the means for the attainment of these objects:—(1) the constitution of a separate Department of the administration for education ; (2) the institution of Universities at the Presidency towns ; (3) the establishment of institutions for training teachers for all classes of schools ; (4) the maintenance of the existing Government Colleges and High Schools, and the increase of their number when necessary ; (5) the establishment of new Middle Schools ; (6) increased attention to vernacular schools, indigenous or other, for elementary education ; and (7) the introduction of a system of grants-in-aid. The attention of Government is specially directed to the importance of placing the means of acquiring useful and practical knowledge within reach of the great mass of the people. The

CHAPTER XII.

EDUCATION.

THE existing educational system in India is based upon the principles for the first time definitely laid down in the memorable despatch of the Court of Directors of the year 1854. It is known as Sir Charles Wood's Despatch and is looked upon as the educational charter of the people of India. The systematic promotion of education in this country was, thereby, accepted as one of the duties of the State and it was at the same time declared that the type of that education should have for its object the diffusion of the arts, science, philosophy and literature of Europe. The purport of that document is thus summarised in the Report of the Education Commission, 1882 :—"The Despatch of 1854 commends to the special attention of the Government of India the improvement and far wider extension of education, both English and vernacular, and prescribes as the means for the attainment of these objects:—(1) the constitution of a separate Department of the administration for education; (2) the institution of Universities at the Presidency towns; (3) the establishment of institutions for training teachers for all classes of schools; (4) the maintenance of the existing Government Colleges and High Schools, and the increase of their number when necessary; (5) the establishment of new Middle Schools; (6) increased attention to vernacular schools, indigenous or other, for elementary education; and (7) the introduction of a system of grants-in-aid. The attention of Government is specially directed to the importance of placing the means of acquiring useful and practical knowledge within reach of the great mass of the people. The

English language is to be the medium of instruction in the higher branches, and the vernacular in the lower. English is to be taught wherever there is a demand for it, but it is not to be substituted for the vernacular languages of the country. The system of grants-in-aid is to be based on the principle of perfect religious neutrality. Aid is to be given, (so far as the requirements of each particular district as compared with other districts and the funds at the disposal of Government may render it possible) to all schools imparting a good secular education provided they are under good local management, and subject to Government inspection and provided that fees, however small, are charged in them. Grants are to be for specific objects, and their amount and continuance are to depend on the periodical reports of Government Inspectors. No Government Colleges or Schools are to be founded where a sufficient number of institutions exist capable, with the aid of Government, of meeting the local demand for education ; but new schools and colleges are to be established and temporarily maintained when there is little or no prospect of adequate local effort being made to meet local requirements. The discontinuance of any general system of education entirely provided by Government is anticipated with the general advance of the system of grants-in-aid ; but the progress of education is not to be checked in the slightest degree by the abandonment of a single school to probable decay. A comprehensive system of scholarships is to be instituted so as to connect lower schools with higher and higher schools with colleges. Female education is to receive the frank and cordial support of Government. The principal officials in every district are required to aid in the extension of education ; and in making appointments to posts in the service of Government, a person who has received a good education, is to be preferred to one who has not. Even in lower situations, a man who can read and write is, if equally eligible in other respects, to be preferred to one who cannot."

English language is to be the medium of instruction in the higher branches, and the vernacular in the lower. English is to be taught wherever there is a demand for it, but it is not to be substituted for the vernacular languages of the country. The system of grants-in-aid is to be based on the principle of perfect religious neutrality. Aid is to be given, (so far as the requirements of each particular district as compared with other districts and the funds at the disposal of Government may render it possible) to all schools imparting a good secular education provided they are under good local management, and subject to Government inspection and provided that fees, however small, are charged in them. Grants are to be for specific objects, and their amount and continuance are to depend on the periodical reports of Government Inspectors. No Government Colleges or Schools are to be founded where a sufficient number of institutions exist capable, with the aid of Government, of meeting the local demand for education ; but new schools and colleges are to be established and temporarily maintained when there is little or no prospect of adequate local effort being made to meet local requirements. The discontinuance of any general system of education entirely provided by Government is anticipated with the general advance of the system of grants-in-aid ; but the progress of education is not to be checked in the slightest degree by the abandonment of a single school to probable decay. A comprehensive system of scholarships is to be instituted so as to connect lower schools with higher and higher schools with colleges. Female education is to receive the frank and cordial support of Government. The principal officials in every district are required to aid in the extension of education ; and in making appointments to posts in the service of Government, a person who has received a good education, is to be preferred to one who has not. Even in lower situations, a man who can read and write is, if equally eligible in other respects, to be preferred to one who cannot."

The principles laid down in 1854 were re-affirmed in 1859 when the administration had been transferred from the East India Company to the Crown, and they continue to animate and guide the policy and efforts of Government in the matter of the education of the people. The Despatch of the Secretary of State for India of the year 1859 "reviews the progress made under the earlier Despatch, which it reiterates and confirms with a single exception as to the course to be adopted for promoting elementary education. While it records with satisfaction that the system of grants-in-aid has been freely accepted by private schools, both English and Anglo-vernacular, it notes that the native community has failed to co-operate with Government in promoting elementary vernacular education. The efforts of educational officers to obtain the necessary local support for the establishment of vernacular schools under the grant-in-aid system are, it points out, likely to create a prejudice against education, to render the Government unpopular and even to compromise its dignity. The soliciting of contributions from the people is declared inexpedient, and strong doubts are expressed as to the suitability of the grant-in-aid system as hitherto in force for the supply of vernacular education to the masses of the population. Such vernacular instruction should, it is suggested, be provided by the direct instrumentality of the officers of Government, on the basis of some one of the plans already in operation for the improvement of indigenous schools or by any modification of these plans which may suit the circumstances of different provinces. The expediency of imposing a special rate on the land for the provision of elementary education is also commended to the careful consideration of the Government."

Though the systematic diffusion of instruction among the mass of the people is the growth of the last fifty years, at no time known to history were the inhabitants of this country an uneducated people. There have been indigenous

1999

20

The first of these is the fact that the majority of the population in the United States is now of European descent, and the majority of the population in the United Kingdom is now of European descent. This is a significant change from the situation in the 1950s, when the majority of the population in both countries was of British descent. This change has led to a significant increase in the number of people who are of European descent in both countries, and this has led to a significant increase in the number of people who are of European descent in both countries.

The second of these is the fact that the majority of the population in the United States is now of European descent, and the majority of the population in the United Kingdom is now of European descent. This is a significant change from the situation in the 1950s, when the majority of the population in both countries was of British descent. This change has led to a significant increase in the number of people who are of European descent in both countries, and this has led to a significant increase in the number of people who are of European descent in both countries.

The third of these is the fact that the majority of the population in the United States is now of European descent, and the majority of the population in the United Kingdom is now of European descent. This is a significant change from the situation in the 1950s, when the majority of the population in both countries was of British descent. This change has led to a significant increase in the number of people who are of European descent in both countries, and this has led to a significant increase in the number of people who are of European descent in both countries.

The fourth of these is the fact that the majority of the population in the United States is now of European descent, and the majority of the population in the United Kingdom is now of European descent. This is a significant change from the situation in the 1950s, when the majority of the population in both countries was of British descent. This change has led to a significant increase in the number of people who are of European descent in both countries, and this has led to a significant increase in the number of people who are of European descent in both countries.

The fifth of these is the fact that the majority of the population in the United States is now of European descent, and the majority of the population in the United Kingdom is now of European descent. This is a significant change from the situation in the 1950s, when the majority of the population in both countries was of British descent. This change has led to a significant increase in the number of people who are of European descent in both countries, and this has led to a significant increase in the number of people who are of European descent in both countries.

The principles laid down in 1854 were re-affirmed in 1859 when the administration had been transferred from the East India Company to the Crown, and they continue to animate and guide the policy and efforts of Government in the matter of the education of the people. The Despatch of the Secretary of State for India of the year 1859 "reviews the progress made under the earlier Despatch, which it reiterates and confirms with a single exception as to the course to be adopted for promoting elementary education. While it records with satisfaction that the system of grants-in-aid has been freely accepted by private schools, both English and Anglo-vernacular, it notes that the native community has failed to co-operate with Government in promoting elementary vernacular education. The efforts of educational officers to obtain the necessary local support for the establishment of vernacular schools under the grant-in-aid system are, it points out, likely to create a prejudice against education, to render the Government unpopular and even to compromise its dignity. The soliciting of contributions from the people is declared inexpedient, and strong doubts are expressed as to the suitability of the grant-in-aid system as hitherto in force for the supply of vernacular education to the masses of the population. Such vernacular instruction should, it is suggested, be provided by the direct instrumentality of the officers of Government, on the basis of some one of the plans already in operation for the improvement of indigenous schools or by any modification of these plans which may suit the circumstances of different provinces. The expediency of imposing a special rate on the land for the provision of elementary education is also commended to the careful consideration of the Government."

Though the systematic diffusion of instruction among the mass of the people is the growth of the last fifty years, at no time known to history were the inhabitants of this country an uneducated people. There have been indigenous

educational institutions in India from time immemorial, though the system of instruction and its extent are sure to strike the modern mind as crude and unsatisfactory. There were great seats of Sanskrit learning where literature, theology and philosophy were taught by Pandits and there were everywhere institutions of a lower type where the sacred texts were taught. While the Hindus had their *Pathashalas*, the Mahomedans had their *Madrasas* and *Makhtabs*. There were besides these religious schools, schools in almost every village where reading, writing and arithmetic were taught to the children of every class but the lowest. The religious institutions were supported by endowments in land, and it was a point of honour that all teaching should be free. The village school master received fees, generally in kind, from his pupils and was almost a prototype of the school master immortalized in Goldsmith's *Deserted Village*. The trading classes also maintained their own schools for the instruction of their children in the rudiments of the three R's and provided for the further advance of their knowledge in the business of the shop. Even at the present day all these types of schools are to be met with throughout the whole country. The first European impulse towards secular education is said to have come from the missionary bodies who had established themselves in Southern India towards the end of the eighteenth century. In 1781 Warren Hastings founded and endowed the Calcutta Madrasa, with the special object of encouraging the study of Persian, which was then the language of courts of justice as well as of diplomacy and ten years later was founded the Sanskrit College at Benares. All attention was thus devoted to Sanskrit and Persian learning but no thought seems to have been taken of the village school and of mass education. The next stimulus to education came from the Act of Parliament of the year 1813 (53 Geo. III. c. 155) by which the charter of the East India Company was renewed. This statute provided that 'a sum of not less

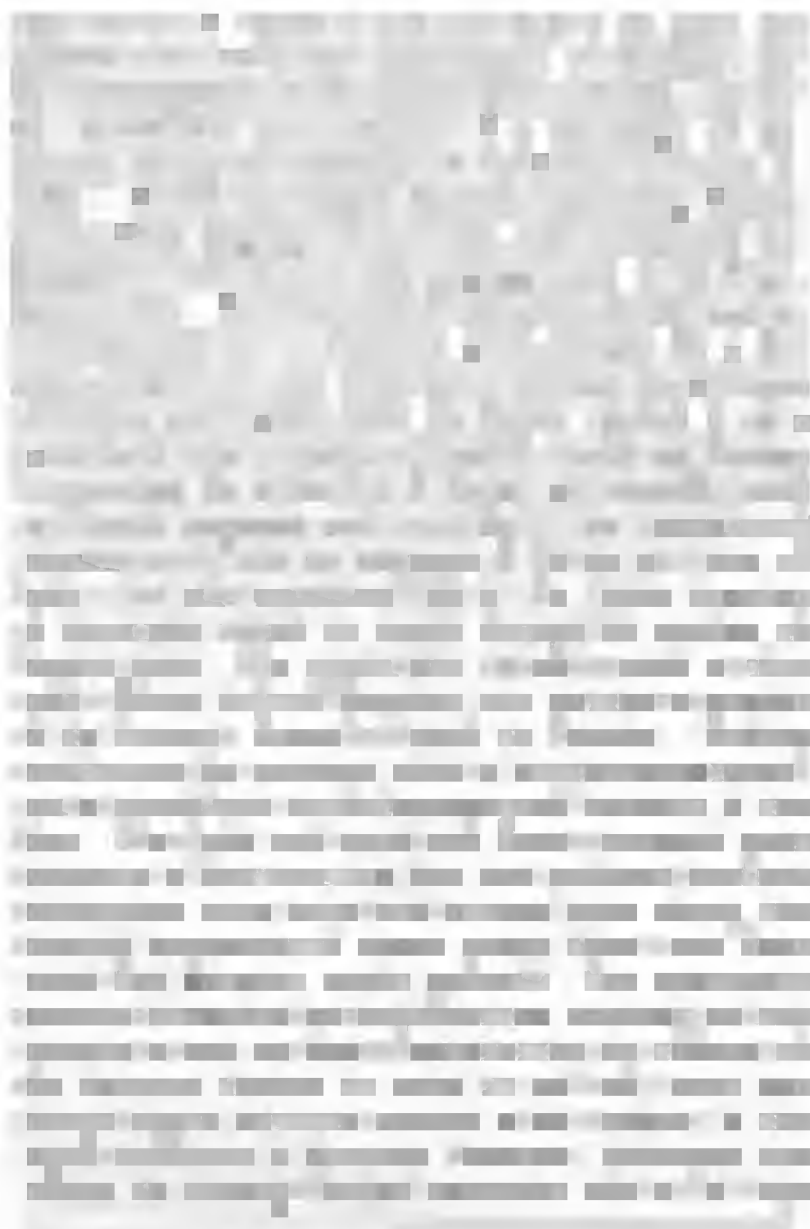
educational institutions in India from time immemorial, though the system of instruction and its extent are sure to strike the modern mind as crude and unsatisfactory. There were great seats of Sanskrit learning where literature, theology and philosophy were taught by Pandits and there were everywhere institutions of a lower type where the sacred texts were taught. While the Hindus had their *Pathashalas*, the Mahomedans had their *Madrasas* and *Makhtabs*. There were besides these religious schools, schools in almost every village where reading, writing and arithmetic were taught to the children of every class but the lowest. The religious institutions were supported by endowments in land, and it was a point of honour that all teaching should be free. The village school master received fees, generally in kind, from his pupils and was almost a prototype of the school master immortalized in Goldsmith's *Deserted Village*. The trading classes also maintained their own schools for the instruction of their children in the rudiments of the three R's and provided for the further advance of their knowledge in the business of the shop. Even at the present day all these types of schools are to be met with throughout the whole country. The first European impulse towards secular education is said to have come from the missionary bodies who had established themselves in Southern India towards the end of the eighteenth century. In 1781 Warren Hastings founded and endowed the Calcutta Madrasa, with the special object of encouraging the study of Persian, which was then the language of courts of justice as well as of diplomacy and ten years later was founded the Sanskrit College at Benares. All attention was thus devoted to Sanskrit and Persian learning but no thought seems to have been taken of the village school and of mass education. The next stimulus to education came from the Act of Parliament of the year 1813 (53 Geo. III. c. 155) by which the charter of the East India Company was renewed. This statute provided that 'a sum of not less

than one lac of rupees in each year shall be set apart and applied to the revival and improvement of literature and the encouragement of the learned natives of India,] and for the introduction and promotion of a knowledge of the sciences among the inhabitants of the British territories in India'. By this time English had been superceding Persian as the official language of the courts, and consequently the demand for instruction in that language arose in the Presidency towns. But what kind of instruction should be given to Indians and how it should be given, became, for a few years, subjects of a hot controversy between the advocates of Oriental and English study: the former desired to give more liberal help to students of Sanskrit, Arabic and Persian; to encourage the production of literary and scientific works on Oriental languages, and to provide for the translation of valuable books from the languages of Europe into those of India; the latter maintained that all the higher branches of knowledge should be taught through the medium of English alone. The controversy virtually ended in 1835 with a Minute by Lord Macaulay, who was then a member of the Governor General's Council in Calcutta. 'Nothing could exceed the contempt which in his picturesque sentences he poured forth on the languages and literature of the East. That India, and Arabia, and Persia possessed great literatures of their own, that they have produced poets and philosophers whose works hold no mean place among the enduring monuments of human genius, these were facts which Lord Macaulay totally ignored'.* The controversy between Orientalists and Anglicists was conluded and the question at issue was finally settled in 1839 by a Minute of the Governor General in which it was laid down that though English was to be retained as the medium of the higher instruction in European literature, philosophy and science, the existing Oriental institutions were to be kept

* Sir George Strachey.

than one lac of rupees in each year shall be set apart and applied to the revival and improvement of literature and the encouragement of the learned natives of India,] and for the introduction and promotion of a knowledge of the sciences among the inhabitants of the British territories in India'. By this time English had been superceding Persian as the official language of the courts, and consequently the demand for instruction in that language arose in the Presidency towns. But what kind of instruction should be given to Indians and how it should be given, became, for a few years, subjects of a hot controversy between the advocates of Oriental and English study: the former desired to give more liberal help to students of Sanskrit, Arabic and Persian; to encourage the production of literary and scientific works on Oriental languages, and to provide for the translation of valuable books from the languages of Europe into those of India; the latter maintained that all the higher branches of knowledge should be taught through the medium of English alone. The controversy virtually ended in 1835 with a Minute by Lord Macaulay, who was then a member of the Governor General's Council in Calcutta. 'Nothing could exceed the contempt which in his picturesque sentences he poured forth on the languages and literature of the East. That India, and Arabia, and Persia possessed great literatures of their own, that they have produced poets and philosophers whose works hold no mean place among the enduring monuments of human genius, these were facts which Lord Macaulay totally ignored'.* The controversy between Orientalists and Anglicists was conluded and the question at issue was finally settled in 1839 by a Minute of the Governor General in which it was laid down that though English was to be retained as the medium of the higher instruction in European literature, philosophy and science, the existing Oriental institutions were to be kept

* Sir George Strachey.



up in full efficiency, and were to receive the same encouragement as might be given to the students at English institutions. Vernacular instruction was to be combined with English and students were to be allowed the choice to attend whichever tuition they might prefer. "This stage of the controversy has a peculiar interest, not only as a turning point in the history of education in India, but because of the part taken in it by Macaulay then on the Committee, and at the same time the Legislative Member of the Supreme Council. In the latter capacity Macaulay wrote a long minute replying fully to the arguments, political and educational, advanced by the Orientalists. He declared the Government was not bound by the Act of 1813 to any particular kind of teaching, or fettered by any pledge expressed or implied, but was at liberty to employ its funds as it thought best and that the best way of employing them was in teaching what was best worth knowing, and English was better worth knowing than Sanskrit or Arabic. The Natives themselves had found this out. They would pay to learn English, but they required to be paid to be taught Sanskrit and Arabic and then thought themselves entitled to compensation from Government for having been engaged so long in so useless an acquisition. It was quite possible and very advantageous on every ground to make natives of India thoroughly good English scholars and to this end the efforts of the Committee should be directed.

"The Minute, distinguished by the brilliancy of style, the profuse illustration and incisive logic peculiar to the author, concluded with a distinct declaration that if the present system were permitted to remain unchanged, the writer would resign his seat on the Committee. The Governor General, Lord William Bentinck briefly endorsed his entire concurrence in Mr. Macaulay's views. The Minute was roughly criticised by Mr. H. T. Prinsep in a rejoinder of the 15th February which is scored over by the

the information system. The information system is a set of components that interact to provide information services. The components are the hardware, software, and people that make up the system. The hardware includes the computers, networks, and other physical devices. The software includes the programs and data that run on the hardware. The people include the users, librarians, and other staff who interact with the system.

The information system is a complex system that is constantly changing. The components of the system are constantly being updated and replaced. The hardware is constantly being upgraded with new technology. The software is constantly being updated with new programs and data. The people are constantly being trained and updated with new skills. The information system is a dynamic system that is constantly evolving. The components of the system are constantly being added, changed, or removed. The information system is a complex system that is constantly changing. The components of the system are constantly being updated and replaced. The hardware is constantly being upgraded with new technology. The software is constantly being updated with new programs and data. The people are constantly being trained and updated with new skills. The information system is a dynamic system that is constantly evolving. The components of the system are constantly being added, changed, or removed. The information system is a complex system that is constantly changing. The components of the system are constantly being updated and replaced. The hardware is constantly being upgraded with new technology. The software is constantly being updated with new programs and data. The people are constantly being trained and updated with new skills. The information system is a dynamic system that is constantly evolving. The components of the system are constantly being added, changed, or removed.

The information system is a complex system that is constantly changing. The components of the system are constantly being updated and replaced. The hardware is constantly being upgraded with new technology. The software is constantly being updated with new programs and data. The people are constantly being trained and updated with new skills. The information system is a dynamic system that is constantly evolving. The components of the system are constantly being added, changed, or removed. The information system is a complex system that is constantly changing. The components of the system are constantly being updated and replaced. The hardware is constantly being upgraded with new technology. The software is constantly being updated with new programs and data. The people are constantly being trained and updated with new skills. The information system is a dynamic system that is constantly evolving. The components of the system are constantly being added, changed, or removed.

up in full efficiency, and were to receive the same encouragement as might be given to the students at English institutions. Vernacular instruction was to be combined with English and students were to be allowed the choice to attend whichever tuition they might prefer. "This stage of the controversy has a peculiar interest, not only as a turning point in the history of education in India, but because of the part taken in it by Macaulay then on the Committee, and at the same time the Legislative Member of the Supreme Council. In the latter capacity Macaulay wrote a long minute replying fully to the arguments, political and educational, advanced by the Orientalists. He declared the Government was not bound by the Act of 1813 to any particular kind of teaching, or fettered by any pledge expressed or implied, but was at liberty to employ its funds as it thought best and that the best way of employing them was in teaching what was best worth knowing, and English was better worth knowing than Sanskrit or Arabic. The Natives themselves had found this out. They would pay to learn English, but they required to be paid to be taught Sanskrit and Arabic and then thought themselves entitled to compensation from Government for having been engaged so long in so useless an acquisition. It was quite possible and very advantageous on every ground to make natives of India thoroughly good English scholars and to this end the efforts of the Committee should be directed.

"The Minute, distinguished by the brilliancy of style, the profuse illustration and incisive logic peculiar to the author, concluded with a distinct declaration that if the present system were permitted to remain unchanged, the writer would resign his seat on the Committee. The Governor General, Lord William Bentinck briefly endorsed his entire concurrence in Mr. Macaulay's views. The Minute was roughly criticised by Mr. H. T. Prinsep in a rejoinder of the 15th February which is scored over by the

great essayist, who has scratched in pencil that still remains:—‘I remain not only unshaken, but confirmed in all my opinions on the general question. I may have committed a slight mistake or two as to details, and I may have occasionally used an epithet which might with advantage be softened down. But I do not retract the substance of a single proposition I have advanced.’†

It is not necessary here to give an account, interesting though it is, of the various educational institutions that were founded in the various parts of the country by Government or by private and missionary effort. In Madras and Bombay, for instance, the missionaries were the pioneers of education, the first school having been opened by the American Missionary Society in Bombay city in 1814. The Bombay Education Society and the Native School Book and School Society were working in the thirties of the last century in the field of European and Eurasian, and Native education respectively. When Mountstuart Elphinstone retired from the Governorship in 1827, his memory was perpetuated by the foundation of the Elphinstone College. A Sanskrit College at Poona had already been started in 1821. Between 1855, the year of the inception of the new educational system prescribed by Sir Charles Wood’s Despatch and 1882, and the year of the appointment of the Education Commission presided over by Sir W. W. Hunter, great strides were made by all classes and kinds of education. During these 25 years the total number of institutions in India had multiplied more than twofold and the number of pupils nearly threefold. There were in 1855–56, 50,998 institutions and 9,23,780 pupils; the corresponding figures for the year 1881–82, were 1,14,109 and 26,43,978. The growth of schools and

† Education in British India, Prior to 1854, and in 1870-71—by Arthur Howell.

great essayist, who has scratched in pencil that still remains:—‘I remain not only unshaken, but confirmed in all my opinions on the general question. I may have committed a slight mistake or two as to details, and I may have occasionally used an epithet which might with advantage be softened down. But I do not retract the substance of a single proposition I have advanced.’†

It is not necessary here to give an account, interesting though it is, of the various educational institutions that were founded in the various parts of the country by Government or by private and missionary effort. In Madras and Bombay, for instance, the missionaries were the pioneers of education, the first school having been opened by the American Missionary Society in Bombay city in 1814. The Bombay Education Society and the Native School Book and School Society were working in the thirties of the last century in the field of European and Eurasian, and Native education respectively. When Mountstuart Elphinstone retired from the Governorship in 1827, his memory was perpetuated by the foundation of the Elphinstone College. A Sanskrit College at Poona had already been started in 1821. Between 1855, the year of the inception of the new educational system prescribed by Sir Charles Wood’s Despatch and 1882, and the year of the appointment of the Education Commission presided over by Sir W. W. Hunter, great strides were made by all classes and kinds of education. During these 25 years the total number of institutions in India had multiplied more than twofold and the number of pupils nearly threefold. There were in 1855–56, 50,998 institutions and 9,23,780 pupils; the corresponding figures for the year 1881–82, were 1,14,109 and 26,43,978. The growth of schools and

† Education in British India, Prior to 1854, and in 1870-71—by Arthur Howell.

The following information is provided for the purpose of providing a general overview of the information contained in the report. It is not intended to be a substitute for the full report, which is available on the website of the International Labour Office (ILO). The information is provided in a summary form, and is not intended to be a substitute for the full report, which is available on the website of the International Labour Office (ILO).

colleges was augmented by the development of the municipal system and by the Acts that were passed from 1865 onwards providing for the imposition of local cesses that might be applied to the establishment of schools. The Universities of Calcutta, Madras and Bombay were incorporated in 1857 by Act of the Indian Legislature and in accordance with the recommendations contained in the Despatch of 1854, and those of the Punjab and Allahabad in 1882 and 1887 respectively. Their constitution was modelled upon the University of London and was substantially the same for each. The main object of the Education Commission of 1882 was to investigate the working of the system founded in 1854, and to ascertain the then actual position of education in India. The control of the Educational Department had been made over to the provincial Governments, and it was thought desirable to examine thoroughly the working of the new arrangements and test their results. The Commission advised increased reliance upon, and systematic encouragement of, private effort and their recommendations were approved by the Government of India who expressed their general opinion thus:—'It appears that the experience of nearly thirty years has brought to light no serious flaw in the general outlines of the policy laid down in 1854 and confirmed in 1859. If in any Province, unsatisfactory results are brought to notice, or if the progress made in any particular respect is shown to have been less than might have been hoped for, this will almost invariably be found to have been due to a departure from or failure to act up to, the principles of the despatches upon which the whole educational system rests.' Following the suggestion made by the Secretary of State, the Government of India have a quinquennial review prepared of the more important features of educational progress and they have issued, from time to time, fresh regulations and orders to remedy the defects disclosed by these periodical examinations.

colleges was augmented by the development of the municipal system and by the Acts that were passed from 1865 onwards providing for the imposition of local cesses that might be applied to the establishment of schools. The Universities of Calcutta, Madras and Bombay were incorporated in 1857 by Act of the Indian Legislature and in accordance with the recommendations contained in the Despatch of 1854, and those of the Punjab and Allahabad in 1882 and 1887 respectively. Their constitution was modelled upon the University of London and was substantially the same for each. The main object of the Education Commission of 1882 was to investigate the working of the system founded in 1854, and to ascertain the then actual position of education in India. The control of the Educational Department had been made over to the provincial Governments, and it was thought desirable to examine thoroughly the working of the new arrangements and test their results. The Commission advised increased reliance upon, and systematic encouragement of, private effort and their recommendations were approved by the Government of India who expressed their general opinion thus:—'It appears that the experience of nearly thirty years has brought to light no serious flaw in the general outlines of the policy laid down in 1854 and confirmed in 1859. If in any Province, unsatisfactory results are brought to notice, or if the progress made in any particular respect is shown to have been less than might have been hoped for, this will almost invariably be found to have been due to a departure from or failure to act up to, the principles of the despatches upon which the whole educational system rests.' Following the suggestion made by the Secretary of State, the Government of India have a quinquennial review prepared of the more important features of educational progress and they have issued, from time to time, fresh regulations and orders to remedy the defects disclosed by these periodical examinations.

Lord Curzon, when he was Viceroy, felt that the Indian educational system was full of grave defects and he took it upon himself, among his great self-imposed tasks, to adopt measures to place education in India upon a sound basis. First of all, he called an informal conference of administrators and educationalists at Simla in 1901 to discuss the various branches of the subject. As a sequel to this conference, the Universities Commission was appointed in 1902. A Director General of education was appointed, the first holder of the office being Mr. H. W. Orange, and special inquiries were instituted into the system of technical education. The recommendations of the Universities Commission, which sought to alter materially the constitution of the Universities and to introduce what were regarded as radical changes, evoked a storm of opposition in the country ; but they were embodied in a bill which was passed into the Indian Universities Act on March 21, 1904. Lord Curzon rounded off his work of educational reform by issuing, in the same year, a Resolution on Indian Educational policy, covering every branch of the subject and laying down principles for further guidance.* In 1910 a separate Education Department was created and a sixth member was added to the Governor General's Executive Council to take charge of it. Before this all questions connected with education were dealt with by the Home Department of the Government of India. There being no longer any need for the post of Director General of Education, it was abolished and the staff of the office was absorbed in that of the Education Department which, besides education, is concerned with local self-government, sanitation and some other branches of the administration. A Resolution was issued by the Government of India on 21st February, 1913, in

*Read the fifth chapter entitled 'The fight for Educational Reform' in 'India under Curzon and after' by Lovat Fraser.

Lord Curzon, when he was Viceroy, felt that the Indian educational system was full of grave defects and he took it upon himself, among his great self-imposed tasks, to adopt measures to place education in India upon a sound basis. First of all, he called an informal conference of administrators and educationalists at Simla in 1901 to discuss the various branches of the subject. As a sequel to this conference, the Universities Commission was appointed in 1902. A Director General of education was appointed, the first holder of the office being Mr. H. W. Orange, and special inquiries were instituted into the system of technical education. The recommendations of the Universities Commission, which sought to alter materially the constitution of the Universities and to introduce what were regarded as radical changes, evoked a storm of opposition in the country ; but they were embodied in a bill which was passed into the Indian Universities Act on March 21, 1904. Lord Curzon rounded off his work of educational reform by issuing, in the same year, a Resolution on Indian Educational policy, covering every branch of the subject and laying down principles for further guidance.* In 1910 a separate Education Department was created and a sixth member was added to the Governor General's Executive Council to take charge of it. Before this all questions connected with education were dealt with by the Home Department of the Government of India. There being no longer any need for the post of Director General of Education, it was abolished and the staff of the office was absorbed in that of the Education Department which, besides education, is concerned with local self-government, sanitation and some other branches of the administration. A Resolution was issued by the Government of India on 21st February, 1913, in

*Read the fifth chapter entitled 'The fight for Educational Reform' in 'India under Curzon and after' by Lovat Fraser.

which it described the progress made by education in all its branches up-to-date and stated its views and policy with respect to future development. It is a very instructive document and deserves careful study. †

There are two classes into which educational institutions in India are divided, 'Public' and 'Private'. In the first class come all those institutions, whether they are under either public or private management, in which the course of study conforms to the standards prescribed by the Department of Public Instruction and which either undergo inspection by the Department or present pupils at public examinations held by the Department or by the University. These institutions include schools receiving grants from Government and municipalities or local boards. Institutions which do not answer to this description belong to the second class and are called 'private'. There are three grades of public institutions, Primary schools, Secondary Schools and Colleges. The first class of Schools give instruction in the three R's and impart general elementary knowledge. Secondary Schools may be divided into English and vernacular according as English forms in them a part of regular course of study or not. The second division of secondary schools is into high and middle schools, the former teaching up to the Matriculation or school-leaving certificate standard and the latter stopping at a lower stage. Besides these there is a variety of special institutions, such as technical, engineering, medical, commercial &c. The following tables present a comparative view of the general educational position in 1902 and in 1912 :—

† The full text of the Resolution is printed at the close of this Chapter.

which it described the progress made by education in all its branches up-to-date and stated its views and policy with respect to future development. It is a very instructive document and deserves careful study. †

There are two classes into which educational institutions in India are divided, 'Public' and 'Private'. In the first class come all those institutions, whether they are under either public or private management, in which the course of study conforms to the standards prescribed by the Department of Public Instruction and which either undergo inspection by the Department or present pupils at public examinations held by the Department or by the University. These institutions include schools receiving grants from Government and municipalities or local boards. Institutions which do not answer to this description belong to the second class and are called 'private'. There are three grades of public institutions, Primary schools, Secondary Schools and Colleges. The first class of Schools give instruction in the three R's and impart general elementary knowledge. Secondary Schools may be divided into English and vernacular according as English forms in them a part of regular course of study or not. The second division of secondary schools is into high and middle schools, the former teaching up to the Matriculation or school-leaving certificate standard and the latter stopping at a lower stage. Besides these there is a variety of special institutions, such as technical, engineering, medical, commercial &c. The following tables present a comparative view of the general educational position in 1902 and in 1912 :—

† The full text of the Resolution is printed at the close of this Chapter.

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
PUBLISHED WEEKLY
535 N. Dearborn Ave., Chicago, Ill. 60610
Subscription price: \$5.00 per year in advance
Single copies: 15¢

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
PUBLISHED WEEKLY
535 N. Dearborn Ave., Chicago, Ill. 60610
Subscription price: \$5.00 per year in advance
Single copies: 15¢
The Journal of the American Medical Association is a weekly publication of the American Medical Association. It is the official journal of the Association and is published for the benefit of the medical profession and the public. The Journal contains original articles, reviews, and news items of interest to the medical profession. It is a valuable source of information for the medical professional and the public alike. The Journal is published by the American Medical Association, 535 N. Dearborn Ave., Chicago, Ill. 60610. The subscription price is \$5.00 per year in advance. Single copies are 15¢.

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
PUBLISHED WEEKLY
535 N. Dearborn Ave., Chicago, Ill. 60610
Subscription price: \$5.00 per year in advance
Single copies: 15¢

| | 1902. | | 1912. | |
|----------------------------------|--------------------|-----------|--------------------|------------|
| | Institu-
tions. | Scholars. | Institu-
tions. | Schola . |
| Primary Schools | 98,639 | 32,72,0 0 | 1,23,693 | 49,92,440. |
| Secondary Schools | 5,510 | 5,61,068 | 6,398 | 9,29,303. |
| Special (Training and
other) | 1,078 | 35,180 | 6,205 | 1,80,196 |
| Colleges | 192 | 23,291 | 187 | 36,334 |
| Private | 43,160 | 6,38,991 | 40,120 | 6,57,728. |
| Total ... | 1,48,54 9 | 45,30,548 | 1,76,604 | 67,95,971 |

In spite of the advance disclosed by these figures, there is an immeasurable field for the diffusion of education in India. As to literacy, taking India as a whole, in 1911 rather more than one male in ten and one female in a hundred could read and write ; less than one male in a hundred and one female in a thousand could read and write English.

The prevalence of illiteracy is a serious stumbling block in the path of the country's progress in every direction, and the attention of the people and the Government has been prominently drawn within recent years to the urgency of a wider diffusion of elementary education among the masses. It is true that the total number of public primary schools increased between 1901-2 and 1911-12 by over 25 per cent.; and the number of pupils attending them by over 50 per cent. ; while the total number in the primary stages of instruction increased by 54 per cent. But the state of things disclosed by the figures of literacy quoted above is nothing but most anxious and unsatisfactory, and more vigorous measures than the Government is at present inclined to take have been urged upon its attention. The

| | 1990 | | 1991 | |
|-----|------|-----|------|-----|
| | Jan | Feb | Mar | Apr |
| Jan | 100 | 100 | 100 | 100 |
| Feb | 100 | 100 | 100 | 100 |
| Mar | 100 | 100 | 100 | 100 |
| Apr | 100 | 100 | 100 | 100 |
| May | 100 | 100 | 100 | 100 |
| Jun | 100 | 100 | 100 | 100 |
| Jul | 100 | 100 | 100 | 100 |
| Aug | 100 | 100 | 100 | 100 |
| Sep | 100 | 100 | 100 | 100 |
| Oct | 100 | 100 | 100 | 100 |
| Nov | 100 | 100 | 100 | 100 |
| Dec | 100 | 100 | 100 | 100 |

The following table shows the results of the survey conducted in the first quarter of 1990. The data is presented in a tabular format, with the first column representing the month and the subsequent columns representing the different categories of the survey. The data is presented in a tabular format, with the first column representing the month and the subsequent columns representing the different categories of the survey.

The following table shows the results of the survey conducted in the first quarter of 1990. The data is presented in a tabular format, with the first column representing the month and the subsequent columns representing the different categories of the survey. The data is presented in a tabular format, with the first column representing the month and the subsequent columns representing the different categories of the survey.

| | 1902. | | 1912. | |
|----------------------------------|--------------------|-----------|--------------------|------------|
| | Institu-
tions. | Scholars. | Institu-
tions. | Schola . |
| Primary Schools | 98,639 | 32,72,0 0 | 1,23,693 | 49,92,440. |
| Secondary Schools | 5,510 | 5,61,068 | 6,398 | 9,29,303. |
| Special (Training and
other) | 1,078 | 35,180 | 6,205 | 1,80,196 |
| Colleges | 192 | 23,291 | 187 | 36,334 |
| Private | 43,160 | 6,38,991 | 40,120 | 6,57,728. |
| Total ... | 1,48,54 9 | 45,30,548 | 1,76,604 | 67,95,971 |

In spite of the advance disclosed by these figures, there is an immeasurable field for the diffusion of education in India. As to literacy, taking India as a whole, in 1911 rather more than one male in ten and one female in a hundred could read and write ; less than one male in a hundred and one female in a thousand could read and write English.

The prevalence of illiteracy is a serious stumbling block in the path of the country's progress in every direction, and the attention of the people and the Government has been prominently drawn within recent years to the urgency of a wider diffusion of elementary education among the masses. It is true that the total number of public primary schools increased between 1901-2 and 1911-12 by over 25 per cent.; and the number of pupils attending them by over 50 per cent. ; while the total number in the primary stages of instruction increased by 54 per cent. But the state of things disclosed by the figures of literacy quoted above is nothing but most anxious and unsatisfactory, and more vigorous measures than the Government is at present inclined to take have been urged upon its attention. The

introduction of the principle of compulsory primary education, fenced in with all possible reasonable limitations and to be steadily and cautiously acted upon, has been suggested as a remedy, but it has not commended itself to the Supreme Government as well as the Local Governments. In moving that his Bill to make better provision for the extension of elementary education be referred to a Select Committee, the Hon'ble Mr. Gokhale observed in the Viceregal Council on 18th March, 1912 :—

“My Lord, the policy of the Government of India in this matter, as I have already observed, is now a fixed one. The Government of India have accepted in the most solemn and explicit manner the responsibility for mass education in this country. The educational despatch of 1854 the Education Commission's report of 1882, with the Resolution of the Government of India thereon and the Resolution of Lord Curzon's Government of 1904, all speak with one voice on this point, namely, that the education of the masses is a sacred responsibility resting upon the Government of India. When we, however, come to consider the extent of the field which has so far been covered, I feel bound to say that the progress made is distinctly disappointing. Taking the figures for 1901, the beginning of this century, and that means after 50 years of educational efforts, the number of boys at school in this country was only about 32 lakhs, and the number of girls only a little over 5 lakhs. Taking only 10 per cent.—not 15 per cent. as they take in the West and as they do in official publications, even in India, taking only a modest 10 per cent.—as the proportion of the total population that should be at school, I find that in 1901 only about 27 per cent. of the boys and about $4\frac{1}{2}$ per cent. of the girls that should have been at school were at school ! During the last ten years, elementary education has no doubt been pushed on with special vigour and the rate of progress has been much faster. Even so what is the position today ? From a statement which was published by the Education Department the other day, I find that the number of boys at school has risen during these ten years from 32 lakhs to a little under 40 lakhs, and the number of girls from 5 lakhs to a little under 7 lakhs. Taking the new census figures of our population, this gives us for boys a proportion of 31 per cent. and for girls $5\frac{3}{4}$ per cent. Taking the proportion of total school attendance to the total popu-

introduction of the principle of compulsory primary education, fenced in with all possible reasonable limitations and to be steadily and cautiously acted upon, has been suggested as a remedy, but it has not commended itself to the Supreme Government as well as the Local Governments. In moving that his Bill to make better provision for the extension of elementary education be referred to a Select Committee, the Hon'ble Mr. Gokhale observed in the Viceregal Council on 18th March, 1912 :—

“My Lord, the policy of the Government of India in this matter, as I have already observed, is now a fixed one. The Government of India have accepted in the most solemn and explicit manner the responsibility for mass education in this country. The educational despatch of 1854 the Education Commission's report of 1882, with the Resolution of the Government of India thereon and the Resolution of Lord Curzon's Government of 1904, all speak with one voice on this point, namely, that the education of the masses is a sacred responsibility resting upon the Government of India. When we, however, come to consider the extent of the field which has so far been covered, I feel bound to say that the progress made is distinctly disappointing. Taking the figures for 1901, the beginning of this century, and that means after 50 years of educational efforts, the number of boys at school in this country was only about 32 lakhs, and the number of girls only a little over 5 lakhs. Taking only 10 per cent.—not 15 per cent. as they take in the West and as they do in official publications, even in India, taking only a modest 10 per cent.—as the proportion of the total population that should be at school, I find that in 1901 only about 27 per cent. of the boys and about $4\frac{1}{2}$ per cent. of the girls that should have been at school were at school ! During the last ten years, elementary education has no doubt been pushed on with special vigour and the rate of progress has been much faster. Even so what is the position today ? From a statement which was published by the Education Department the other day, I find that the number of boys at school has risen during these ten years from 32 lakhs to a little under 40 lakhs, and the number of girls from 5 lakhs to a little under 7 lakhs. Taking the new census figures of our population, this gives us for boys a proportion of 31 per cent. and for girls $5\frac{3}{4}$ per cent. Taking the proportion of total school attendance to the total popu-



The first of these is the fact that the system is designed to be used by a wide range of users, from the casual user to the professional researcher. This is achieved by providing a simple, intuitive interface that allows users to perform basic searches and browse through the collection of documents. The second is the fact that the system is designed to be used by a wide range of users, from the casual user to the professional researcher. This is achieved by providing a simple, intuitive interface that allows users to perform basic searches and browse through the collection of documents. The third is the fact that the system is designed to be used by a wide range of users, from the casual user to the professional researcher. This is achieved by providing a simple, intuitive interface that allows users to perform basic searches and browse through the collection of documents. The fourth is the fact that the system is designed to be used by a wide range of users, from the casual user to the professional researcher. This is achieved by providing a simple, intuitive interface that allows users to perform basic searches and browse through the collection of documents. The fifth is the fact that the system is designed to be used by a wide range of users, from the casual user to the professional researcher. This is achieved by providing a simple, intuitive interface that allows users to perform basic searches and browse through the collection of documents. The sixth is the fact that the system is designed to be used by a wide range of users, from the casual user to the professional researcher. This is achieved by providing a simple, intuitive interface that allows users to perform basic searches and browse through the collection of documents. The seventh is the fact that the system is designed to be used by a wide range of users, from the casual user to the professional researcher. This is achieved by providing a simple, intuitive interface that allows users to perform basic searches and browse through the collection of documents. The eighth is the fact that the system is designed to be used by a wide range of users, from the casual user to the professional researcher. This is achieved by providing a simple, intuitive interface that allows users to perform basic searches and browse through the collection of documents. The ninth is the fact that the system is designed to be used by a wide range of users, from the casual user to the professional researcher. This is achieved by providing a simple, intuitive interface that allows users to perform basic searches and browse through the collection of documents. The tenth is the fact that the system is designed to be used by a wide range of users, from the casual user to the professional researcher. This is achieved by providing a simple, intuitive interface that allows users to perform basic searches and browse through the collection of documents.

lation of the country, we find that the percentage was only 1·6 ten years ago, and it is now no more than 1·9. My Lord, all the local Governments have stated that we must adhere to the present voluntary basis for extending primary education, and the Bombay Government professes itself to be very well pleased with the rate at which it is moving in the matter. A small calculation will show how long it will take for every boy and every girl of school-going age to be at school at the present rate. I have stated just now that during the last ten years the number of boys at school has risen from 5 to under 7 lakhs, or an increase of about $1\frac{3}{4}$ lakhs. This gives us an annual increase for boys of 75,000 and for girls of 17,000. Now assuming that there is no increase of population in the future—absolutely no increase of population — an obviously impossible assumption — even then at the present rate a simple arithmetical calculation will show that 115 years will be required for every boy and 665 years for every girl of school-going age to be at school! Even in Bombay where things are slightly more advanced, it will take at least 75 years for every boy of school-going age between 6 and 10 years of age to be at school.”

For financial, administrative and other reasons, Government have refused to recognise the principle of compulsory education, though they have placed the extension of elementary education in the fore-front of their programme. The proposal is not to introduce free and compulsory education everywhere with one stroke ; it is to allow certain municipalities that may be ripe for the measure to make primary education compulsory within their areas and to meet additional expenditure by fresh taxation, Government finding a certain proportion of the required funds. What is wanted is a definite programme and a more accelerated speed.

As regards Secondary Schools, the vernacular middle schools stand apart, and are a continuation of the primary course completing the instruction of those who do not want to go in for an English education. The following figures for 1912 show the present position of Secondary education :—

lation of the country, we find that the percentage was only 1·6 ten years ago, and it is now no more than 1·9. My Lord, all the local Governments have stated that we must adhere to the present voluntary basis for extending primary education, and the Bombay Government professes itself to be very well pleased with the rate at which it is moving in the matter. A small calculation will show how long it will take for every boy and every girl of school-going age to be at school at the present rate. I have stated just now that during the last ten years the number of boys at school has risen from 5 to under 7 lakhs, or an increase of about $1\frac{3}{4}$ lakhs. This gives us an annual increase for boys of 75,000 and for girls of 17,000. Now assuming that there is no increase of population in the future—absolutely no increase of population — an obviously impossible assumption — even then at the present rate a simple arithmetical calculation will show that 115 years will be required for every boy and 665 years for every girl of school-going age to be at school! Even in Bombay where things are slightly more advanced, it will take at least 75 years for every boy of school-going age between 6 and 10 years of age to be at school.”

For financial, administrative and other reasons, Government have refused to recognise the principle of compulsory education, though they have placed the extension of elementary education in the fore-front of their programme. The proposal is not to introduce free and compulsory education everywhere with one stroke ; it is to allow certain municipalities that may be ripe for the measure to make primary education compulsory within their areas and to meet additional expenditure by fresh taxation, Government finding a certain proportion of the required funds. What is wanted is a definite programme and a more accelerated speed.

As regards Secondary Schools, the vernacular middle schools stand apart, and are a continuation of the primary course completing the instruction of those who do not want to go in for an English education. The following figures for 1912 show the present position of Secondary education :—

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The table includes the coefficient estimates, standard errors, t-statistics, and p-values for each variable.

| Variable | Coefficient | Standard Error | t-statistic | p-value |
|--|-------------|----------------|-------------|---------|
| Age of the head of household | 0.001 | 0.001 | 1.2 | 0.23 |
| Gender of the head of household (Male = 1, Female = 0) | -0.05 | 0.03 | -1.5 | 0.13 |
| Constant | 1.5 | 0.2 | 7.5 | <0.001 |

The results indicate that the age of the head of household has a very small positive effect on the number of children in the household, while the gender of the head of household has a small negative effect. The constant term is significantly positive.

...the
... ..
... ..
... ..
... ..
... ..
... ..
... ..
... ..
... ..

1. **Identify the main topic of the text.**
 2. **Summarize the key points of the text.**
 3. **Explain the significance of the findings.**
 4. **Discuss the limitations of the study.**
 5. **Provide recommendations for future research.**

For more information, contact the publisher at 1-800-354-9700 or visit our website at www.mhhe.com.

| FOR BOYS : | | | Schools. | Pupils. |
|---------------------------|-----|-----|----------|----------|
| High Schools | ... | ... | 1,291 | 3,90,562 |
| Middle English Schools | ... | ... | 2,477 | 2,80,349 |
| Middle Vernacular Schools | ... | ... | 2,195 | 2,06,676 |
| FOR GIRLS : | | | | |
| High Schools | ... | ... | 135 | 17,203 |
| Middle English Schools | ... | ... | 197 | 17,659 |
| Middle Vernacular Schools | ... | ... | 168 | 15,734 |
| Total | | | 6,392 | 9,28,183 |

A large proportion of the pupils attending secondary schools are in the primary stages of instruction. Being called upon largely to devote the energies of the State and the bulk of its available resources to the promotion of primary education, Government rely, as far as possible, on private enterprise in regard to secondary education. Their policy in this respect has been summarised as 'the encouragement of privately managed schools under suitable bodies, maintained in efficiency by Government inspection, recognition, and control, and by the aid of Government funds.' The reform of secondary schools has latterly engaged the attention of Local Governments. The system has now been over-hauled by suitable changes in the courses of study, by the introduction of new subjects into them and by making the instruction more practical and living. The fees in aided schools have been increased and grants-in-aid to them have been made more liberal so as to enable them to spend more upon equipment and to engage trained and efficient teachers. The aim of the School Final examination course has been to give to pupils who do not aspire to prosecute their studies at a College practical education that will be complete in itself and will fit them for the ordinary walks of life. In Madras the secondary school-leaving certificate scheme has been instituted. 'The certificate is intended to give as complete evidence as possible of the character of a boy's school career and takes account of conduct and of the work done at school as well as of the results of the final public examinations, which are, moreover, devised with a view to guarding against the effects attributed to

| FOR BOYS : | | | Schools. | Pupils. |
|---------------------------|-----|-----|----------|----------|
| High Schools | ... | ... | 1,291 | 3,90,562 |
| Middle English Schools | ... | ... | 2,477 | 2,80,349 |
| Middle Vernacular Schools | ... | ... | 2,195 | 2,06,676 |
| FOR GIRLS : | | | | |
| High Schools | ... | ... | 135 | 17,203 |
| Middle English Schools | ... | ... | 197 | 17,659 |
| Middle Vernacular Schools | ... | ... | 168 | 15,734 |
| Total | | | 6,392 | 9,28,183 |

A large proportion of the pupils attending secondary schools are in the primary stages of instruction. Being called upon largely to devote the energies of the State and the bulk of its available resources to the promotion of primary education, Government rely, as far as possible, on private enterprise in regard to secondary education. Their policy in this respect has been summarised as 'the encouragement of privately managed schools under suitable bodies, maintained in efficiency by Government inspection, recognition, and control, and by the aid of Government funds.' The reform of secondary schools has latterly engaged the attention of Local Governments. The system has now been over-hauled by suitable changes in the courses of study, by the introduction of new subjects into them and by making the instruction more practical and living. The fees in aided schools have been increased and grants-in-aid to them have been made more liberal so as to enable them to spend more upon equipment and to engage trained and efficient teachers. The aim of the School Final examination course has been to give to pupils who do not aspire to prosecute their studies at a College practical education that will be complete in itself and will fit them for the ordinary walks of life. In Madras the secondary school-leaving certificate scheme has been instituted. 'The certificate is intended to give as complete evidence as possible of the character of a boy's school career and takes account of conduct and of the work done at school as well as of the results of the final public examinations, which are, moreover, devised with a view to guarding against the effects attributed to

| Date | | Description | | |
|-------|--|-------------|--|--|
| 1900 | | | | |
| Jan 1 | | Balance | | |
| Feb 1 | | Balance | | |
| Mar 1 | | Balance | | |
| Apr 1 | | Balance | | |
| May 1 | | Balance | | |
| Jun 1 | | Balance | | |
| Jul 1 | | Balance | | |
| Aug 1 | | Balance | | |
| Sep 1 | | Balance | | |
| Oct 1 | | Balance | | |
| Nov 1 | | Balance | | |
| Dec 1 | | Balance | | |
| Total | | | | |

The following is a list of the names of the persons who have been elected to the office of Mayor of the City of New York, from 1784 to 1897, in the order in which they were elected, with the date of their election, and the name of the party to which they belonged.

1784 - James Duane, Federalist

1785 - James Duane, Federalist

1786 - James Duane, Federalist

1787 - James Duane, Federalist

1788 - James Duane, Federalist

1789 - James Duane, Federalist

1790 - James Duane, Federalist

1791 - James Duane, Federalist

1792 - James Duane, Federalist

1793 - James Duane, Federalist

1794 - James Duane, Federalist

1795 - James Duane, Federalist

1796 - James Duane, Federalist

1797 - James Duane, Federalist

1798 - James Duane, Federalist

1799 - James Duane, Federalist

1800 - James Duane, Federalist

1801 - James Duane, Federalist

1802 - James Duane, Federalist

1803 - James Duane, Federalist

1804 - James Duane, Federalist

1805 - James Duane, Federalist

1806 - James Duane, Federalist

1807 - James Duane, Federalist

1808 - James Duane, Federalist

1809 - James Duane, Federalist

1810 - James Duane, Federalist

1811 - James Duane, Federalist

1812 - James Duane, Federalist

1813 - James Duane, Federalist

1814 - James Duane, Federalist

1815 - James Duane, Federalist

1816 - James Duane, Federalist

1817 - James Duane, Federalist

1818 - James Duane, Federalist

1819 - James Duane, Federalist

1820 - James Duane, Federalist

1821 - James Duane, Federalist

1822 - James Duane, Federalist

1823 - James Duane, Federalist

1824 - James Duane, Federalist

1825 - James Duane, Federalist

1826 - James Duane, Federalist

1827 - James Duane, Federalist

1828 - James Duane, Federalist

1829 - James Duane, Federalist

1830 - James Duane, Federalist

1831 - James Duane, Federalist

1832 - James Duane, Federalist

1833 - James Duane, Federalist

1834 - James Duane, Federalist

1835 - James Duane, Federalist

1836 - James Duane, Federalist

1837 - James Duane, Federalist

1838 - James Duane, Federalist

1839 - James Duane, Federalist

1840 - James Duane, Federalist

1841 - James Duane, Federalist

1842 - James Duane, Federalist

1843 - James Duane, Federalist

1844 - James Duane, Federalist

1845 - James Duane, Federalist

1846 - James Duane, Federalist

1847 - James Duane, Federalist

1848 - James Duane, Federalist

1849 - James Duane, Federalist

1850 - James Duane, Federalist

1851 - James Duane, Federalist

1852 - James Duane, Federalist

1853 - James Duane, Federalist

1854 - James Duane, Federalist

1855 - James Duane, Federalist

1856 - James Duane, Federalist

1857 - James Duane, Federalist

1858 - James Duane, Federalist

1859 - James Duane, Federalist

1860 - James Duane, Federalist

1861 - James Duane, Federalist

1862 - James Duane, Federalist

1863 - James Duane, Federalist

1864 - James Duane, Federalist

1865 - James Duane, Federalist

1866 - James Duane, Federalist

1867 - James Duane, Federalist

1868 - James Duane, Federalist

1869 - James Duane, Federalist

1870 - James Duane, Federalist

1871 - James Duane, Federalist

1872 - James Duane, Federalist

1873 - James Duane, Federalist

1874 - James Duane, Federalist

1875 - James Duane, Federalist

1876 - James Duane, Federalist

1877 - James Duane, Federalist

1878 - James Duane, Federalist

1879 - James Duane, Federalist

1880 - James Duane, Federalist

1881 - James Duane, Federalist

1882 - James Duane, Federalist

1883 - James Duane, Federalist

1884 - James Duane, Federalist

1885 - James Duane, Federalist

1886 - James Duane, Federalist

1887 - James Duane, Federalist

1888 - James Duane, Federalist

1889 - James Duane, Federalist

1890 - James Duane, Federalist

1891 - James Duane, Federalist

1892 - James Duane, Federalist

1893 - James Duane, Federalist

1894 - James Duane, Federalist

1895 - James Duane, Federalist

1896 - James Duane, Federalist

1897 - James Duane, Federalist

the Matriculation examination.' The scheme is yet in a stage of trial. Holders of these certificates are held specially eligible for Government service, while a pass in the Matriculation examination is excluded from the qualifications of such service. Similarly in Bombay the School Final examination has been declared as the sole qualification of Government service and the Matriculation has been dislodged from the position of privilege at one time it occupied. The introduction of the school-leaving certificate has been under consideration there for some time. A scheme of examination for school-leaving certificates has been introduced in the United Provinces where 325 candidates presented themselves at the first examination held in 1910. The number of School Final candidates in Bombay was 1,717 in 1911-12 as against 1,162 in 1901-02.

The position as regards 'special' schools is reflected in the following figures:—

| | 1902. | | 1912. | |
|------------------------------------|--------------|-----------|--------------|-----------|
| | Institutions | Scholars. | Institutions | Scholars. |
| Training schools for masters . | 134 | 4,417 | 492 | 11,404 |
| Training schools for mistresses . | 46 | 1,292 | 85 | 1,508 |
| Schools of Art . . | 7 | 1,399 | 8 | 1,602 |
| Law schools . . | 5 | 41 | 1 | 10 |
| Medical schools . . | 22 | 2,727 | 24 | 3,860 |
| Engineering & Surveying schools. | 31 | 1,175 | 14 | 926 |
| Technical and Industrial schools . | 84 | 4,977 | 247 | 12,262 |
| Commercial Schools . . | 10 | 552 | 28 | 1,543 |
| Agricultural schools . . | 4 | 211 | 1 | 11 |
| Other schools . . | 735 | 18,389 | 5,305 | 1,47,040 |
| Total . | 1,078 | 35,180 | 6,205 | 1,80,166 |

the Matriculation examination.' The scheme is yet in a stage of trial. Holders of these certificates are held specially eligible for Government service, while a pass in the Matriculation examination is excluded from the qualifications of such service. Similarly in Bombay the School Final examination has been declared as the sole qualification of Government service and the Matriculation has been dislodged from the position of privilege at one time it occupied. The introduction of the school-leaving certificate has been under consideration there for some time. A scheme of examination for school-leaving certificates has been introduced in the United Provinces where 325 candidates presented themselves at the first examination held in 1910. The number of School Final candidates in Bombay was 1,717 in 1911-12 as against 1,162 in 1901-02.

The position as regards 'special' schools is reflected in the following figures :—

| | 1902. | | 1912. | |
|------------------------------------|--------------|-----------|--------------|-----------|
| | Institutions | Scholars. | Institutions | Scholars. |
| Training schools for masters . | 134 | 4,417 | 492 | 11,404 |
| Training schools for mistresses . | 46 | 1,292 | 85 | 1,508 |
| Schools of Art . . | 7 | 1,399 | 8 | 1,502 |
| Law schools . . | 5 | 41 | 1 | 10 |
| Medical schools . . | 22 | 2,727 | 24 | 3,860 |
| Engineering & Surveying schools. | 31 | 1,175 | 14 | 926 |
| Technical and Industrial schools . | 84 | 4,977 | 247 | 12,262 |
| Commercial Schools . . | 10 | 552 | 28 | 1,543 |
| Agricultural schools . . | 4 | 211 | 1 | 11 |
| Other schools . . | 735 | 18,389 | 5,305 | 1,47,040 |
| Total . | 1,078 | 35,180 | 6,205 | 1,80,166 |

Reference has been made in a previous paragraph to the educational reforms of Lord Curzon, to the Universities Commission and to the Indian Universities Act of 1904. The five Indian Universities have been from the beginning merely examining bodies taking no part in teaching. Each has a number of colleges affiliated to it, there being in 1912, 47 in the United Provinces, 46 in Bengal, 35 in Madras, 19 in the Punjab, 15 each in Bombay and Eastern Bengal and Assam, 6 in the Central Provinces and 2 in Burma. Except in Bengal, where the Governor General is Chancellor of the Calcutta University, the head of the province in which a University is situated is its Chancellor. There is besides a Vice Chancellor who is nominated by Government and presides over the Senate which is a deliberative body. In these three is the government of the University vested, while the Syndicate consisting of the Vice Chancellor and a number of Fellows, is the executive body. Members of the Senate belong to various faculties. Lord Curzon's Government felt that the functions of Universities ought not to be exhausted, as they then were, by the examination of students and the conferring of degrees upon them. The Act of 1904 therefore widened the sphere of the activities of the Universities by including in them the making of provision for the instruction of students, the equipment and management of University laboratories and museums, the making of regulations relating to the residence and conduct of students and generally the promotion of study and research. Since that time the importance of having in India residential and teaching Universities has been accepted and though it is surrounded with certain difficulties in the existing condition of India, the system is going to be adopted in the new Universities that will be established at Dacca, Benares and Aligarh. This question could not, however, be taken up ten years ago and the Act went on lay down strict conditions as to the affiliation of colleges and their periodical inspection. The Act re-

Reference has been made in a previous paragraph to the educational reforms of Lord Curzon, to the Universities Commission and to the Indian Universities Act of 1904. The five Indian Universities have been from the beginning merely examining bodies taking no part in teaching. Each has a number of colleges affiliated to it, there being in 1912, 47 in the United Provinces, 46 in Bengal, 35 in Madras, 19 in the Punjab, 15 each in Bombay and Eastern Bengal and Assam, 6 in the Central Provinces and 2 in Burma. Except in Bengal, where the Governor General is Chancellor of the Calcutta University, the head of the province in which a University is situated is its Chancellor. There is besides a Vice Chancellor who is nominated by Government and presides over the Senate which is a deliberative body. In these three is the government of the University vested, while the Syndicate consisting of the Vice Chancellor and a number of Fellows, is the executive body. Members of the Senate belong to various faculties. Lord Curzon's Government felt that the functions of Universities ought not to be exhausted, as they then were, by the examination of students and the conferring of degrees upon them. The Act of 1904 therefore widened the sphere of the activities of the Universities by including in them the making of provision for the instruction of students, the equipment and management of University laboratories and museums, the making of regulations relating to the residence and conduct of students and generally the promotion of study and research. Since that time the importance of having in India residential and teaching Universities has been accepted and though it is surrounded with certain difficulties in the existing condition of India, the system is going to be adopted in the new Universities that will be established at Dacca, Benares and Aligarh. This question could not, however, be taken up ten years ago and the Act went on lay down strict conditions as to the affiliation of colleges and their periodical inspection. The Act re-

modelled the senates, syndicates and faculties of all the Universities and introduced a larger element of men closely connected with education into the senates. The official element thus came to preponderate in the senates and this reform was therefore subjected to much adverse criticism. About four-fifth of the members of those bodies who usually number from 75 to 100, are nominated by Government and the remainder are elected by the body of graduates of the University, or by the senates and their faculties. In pursuance of the provisions of the Act of 1904, colleges are periodically inspected by committees, and attempts are being made to provide larger accommodation for students residing in hostels attached to colleges. As in Bombay, the curricula have been overhauled and the number of examinations which throw an undue and unnecessary burden upon students has been cut down. Arrangements have been made for the teaching of certain subjects to M. A. students and scientific education has been encouraged. Other changes have been adopted or are in contemplation with a view to bringing higher education in India in a line with the up-to-date systems and methods of the Western seats of learning.

The existing provision for University education is not adequate to the ever growing demand, and new seats of learning and teaching will have to be founded in parts of the country where there are at present no facilities. There is thus a crying need for Universities at Patna, Nagpur and Rangoon and it is possible that in the future certain efficient and flourishing colleges may be converted into separate Universities. The ideal accepted seems to be that of a teaching and residential University and that cannot be attained unless there are in India a sufficient number of these institutions scattered throughout the land. The position of collegiate education is exhibited in the following table:—

modelled the senates, syndicates and faculties of all the Universities and introduced a larger element of men closely connected with education into the senates. The official element thus came to preponderate in the senates and this reform was therefore subjected to much adverse criticism. About four-fifth of the members of those bodies who usually number from 75 to 100, are nominated by Government and the remainder are elected by the body of graduates of the University, or by the senates and their faculties. In pursuance of the provisions of the Act of 1904, colleges are periodically inspected by committees, and attempts are being made to provide larger accommodation for students residing in hostels attached to colleges. As in Bombay, the curricula have been overhauled and the number of examinations which throw an undue and unnecessary burden upon students has been cut down. Arrangements have been made for the teaching of certain subjects to M. A. students and scientific education has been encouraged. Other changes have been adopted or are in contemplation with a view to bringing higher education in India in a line with the up-to-date systems and methods of the Western seats of learning.

The existing provision for University education is not adequate to the ever growing demand, and new seats of learning and teaching will have to be founded in parts of the country where there are at present no facilities. There is thus a crying need for Universities at Patna, Nagpur and Rangoon and it is possible that in the future certain efficient and flourishing colleges may be converted into separate Universities. The ideal accepted seems to be that of a teaching and residential University and that cannot be attained unless there are in India a sufficient number of these institutions scattered throughout the land. The position of collegiate education is exhibited in the following table:—

1912

| Arts Colleges | | Institutions | | Scholars |
|-----------------------|-----|--------------|-----|----------|
| English | ... | 124 | ... | 28,246 |
| Oriental | ... | 17 | ... | 1,452 |
| Professional Colleges | | | | |
| Law | ... | 22 | ... | 3,036 |
| Medicine | ... | 4 | ... | 1,396 |
| Engineering | ... | 4 | ... | 1,187 |
| Teaching | ... | 12 | ... | 552 |
| Agriculture | ... | 3 | ... | 267 |
| Veterinary | ... | 1 | ... | 198 |
| Total | ... | 187 | | 36,334 |

The need of technical, industrial and commercial education has been emphasised within recent years and Government have been called upon to establish fully equipped technological institutes in all the provinces. We have, in Bombay, the Victoria Jubilee Technical Institute and a scheme for its expansion and reorganization has been sanctioned. Every province is now trying to do something in this direction. Then there are the Government Schools of Art at Calcutta, Madras, Bombay and Lahore. A Commercial College has also been started in Bombay and degrees in Commerce have been instituted. The Indian Institute of Science at Bangalore was started with the object of bringing science to the aid of Indian arts and industries. State technical scholarships were instituted 1903 and selected Indian students are sent to Great Britain to receive technical training there. A committee was appointed to examine the working of this system of technical scholarships with Sir Theodore Morison as chairman and it has recommended the continuation of the system with certain modifications, the results yielded during the past few years having proved satisfactory. Connected with this inquiry, there was another instituted in this country to find

SECRET

| NAME | GRADE | STATUS |
|------------|---------|---------|
| JOHN DOE | MAJOR | ACTIVE |
| JANE SMITH | CAPTAIN | RETIRED |
| JOHN DOE | MAJOR | ACTIVE |
| JANE SMITH | CAPTAIN | RETIRED |
| JOHN DOE | MAJOR | ACTIVE |
| JANE SMITH | CAPTAIN | RETIRED |
| JOHN DOE | MAJOR | ACTIVE |
| JANE SMITH | CAPTAIN | RETIRED |

THE FOLLOWING INFORMATION IS FOR YOUR INFORMATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE. IT IS THE PROPERTY OF THE DEPARTMENT OF DEFENSE AND IS NOT TO BE RELEASED TO THE PUBLIC OR ANY OTHER AGENCY WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE SECRETARY OF DEFENSE. IT IS TO BE KEPT IN A SECURE PLACE AND NOT TO BE LOANED TO ANY OTHER PERSON. IT IS TO BE DESTROYED WHEN NO LONGER NEEDED FOR OFFICIAL USE.

1. The following information is for your information only. It is not to be used for any other purpose. It is the property of the Department of Defense and is not to be released to the public or any other agency without the express written permission of the Secretary of Defense. It is to be kept in a secure place and not to be loaned to any other person. It is to be destroyed when no longer needed for official use.

2. The following information is for your information only. It is not to be used for any other purpose. It is the property of the Department of Defense and is not to be released to the public or any other agency without the express written permission of the Secretary of Defense. It is to be kept in a secure place and not to be loaned to any other person. It is to be destroyed when no longer needed for official use.

3. The following information is for your information only. It is not to be used for any other purpose. It is the property of the Department of Defense and is not to be released to the public or any other agency without the express written permission of the Secretary of Defense. It is to be kept in a secure place and not to be loaned to any other person. It is to be destroyed when no longer needed for official use.

4. The following information is for your information only. It is not to be used for any other purpose. It is the property of the Department of Defense and is not to be released to the public or any other agency without the express written permission of the Secretary of Defense. It is to be kept in a secure place and not to be loaned to any other person. It is to be destroyed when no longer needed for official use.

5. The following information is for your information only. It is not to be used for any other purpose. It is the property of the Department of Defense and is not to be released to the public or any other agency without the express written permission of the Secretary of Defense. It is to be kept in a secure place and not to be loaned to any other person. It is to be destroyed when no longer needed for official use.

6. The following information is for your information only. It is not to be used for any other purpose. It is the property of the Department of Defense and is not to be released to the public or any other agency without the express written permission of the Secretary of Defense. It is to be kept in a secure place and not to be loaned to any other person. It is to be destroyed when no longer needed for official use.

7. The following information is for your information only. It is not to be used for any other purpose. It is the property of the Department of Defense and is not to be released to the public or any other agency without the express written permission of the Secretary of Defense. It is to be kept in a secure place and not to be loaned to any other person. It is to be destroyed when no longer needed for official use.

8. The following information is for your information only. It is not to be used for any other purpose. It is the property of the Department of Defense and is not to be released to the public or any other agency without the express written permission of the Secretary of Defense. It is to be kept in a secure place and not to be loaned to any other person. It is to be destroyed when no longer needed for official use.

9. The following information is for your information only. It is not to be used for any other purpose. It is the property of the Department of Defense and is not to be released to the public or any other agency without the express written permission of the Secretary of Defense. It is to be kept in a secure place and not to be loaned to any other person. It is to be destroyed when no longer needed for official use.

10. The following information is for your information only. It is not to be used for any other purpose. It is the property of the Department of Defense and is not to be released to the public or any other agency without the express written permission of the Secretary of Defense. It is to be kept in a secure place and not to be loaned to any other person. It is to be destroyed when no longer needed for official use.

1912

| Arts Colleges | | Institutions | | Scholars |
|-----------------------|-----|--------------|-----|----------|
| English | ... | 124 | ... | 28,246 |
| Oriental | ... | 17 | ... | 1,452 |
| Professional Colleges | | | | |
| Law | ... | 22 | ... | 3,036 |
| Medicine | ... | 4 | ... | 1,396 |
| Engineering | ... | 4 | ... | 1,187 |
| Teaching | ... | 12 | ... | 552 |
| Agriculture | ... | 3 | ... | 267 |
| Veterinary | ... | 1 | ... | 198 |
| Total | ... | 187 | | 36,334 |

The need of technical, industrial and commercial education has been emphasised within recent years and Government have been called upon to establish fully equipped technological institutes in all the provinces. We have, in Bombay, the Victoria Jubilee Technical Institute and a scheme for its expansion and reorganization has been sanctioned. Every province is now trying to do something in this direction. Then there are the Government Schools of Art at Calcutta, Madras, Bombay and Lahore. A Commercial College has also been started in Bombay and degrees in Commerce have been instituted. The Indian Institute of Science at Bangalore was started with the object of bringing science to the aid of Indian arts and industries. State technical scholarships were instituted 1903 and selected Indian students are sent to Great Britain to receive technical training there. A committee was appointed to examine the working of this system of technical scholarships with Sir Theodore Morison as chairman and it has recommended the continuation of the system with certain modifications, the results yielded during the past few years having proved satisfactory. Connected with this inquiry, there was another instituted in this country to find

out what were the openings available to technically trained Indians in the various industries in India and to suggest how technical institutions might be brought into closer relations with the employers of labour. It is not possible within the space available to us to survey the whole field of professional, industrial and technical education. Suffice it to say that we are in this matter, only at the beginning of things. This species of education is intimately associated with the economic condition of the country. The progress that India is slowly but surely making, is bound to create a larger demand for a systematic and liberal provision for technical and industrial education. For more detailed information on some of the subjects treated in this and other paragraphs we have to refer the reader to the Government Resolution printed at the end of this chapter.

Female education has had to struggle in India against great difficulties of prejudice and social customs. But the prejudice is steadily giving way to new ideas and the education of girls is making considerable progress. In 1902 the total number of girls under instruction was 4,46,098, whereas ten years later it had increased to 9,53,981. The bulk of the female pupils are in the primary schools beyond which they cannot go owing to the custom of early marriage. Among Europeans and Anglo-Indians, the number of girls at schools is not much below that of boys. Among Indian Christians and Parsees the proportion is 1 to 2; among Brahmins and Budhists it is 1 to 5 or 6 while among other people it is much lower still. The awakening which has recently come upon the Mahomedan community, has led to a remarkable increase in the number of Mahomedan pupils. The total number of Moslem pupils in all classes of institutions was 9,79,000, in 1902, and it went up to 15,62,000, i. e. by nearly 60 per cent. in the next ten years. The education among other communities which have long been backward is also making progress though not, of course, in the same proportion. As to religious education,

out what were the openings available to technically trained Indians in the various industries in India and to suggest how technical institutions might be brought into closer relations with the employers of labour. It is not possible within the space available to us to survey the whole field of professional, industrial and technical education. Suffice it to say that we are in this matter, only at the beginning of things. This species of education is intimately associated with the economic condition of the country. The progress that India is slowly but surely making, is bound to create a larger demand for a systematic and liberal provision for technical and industrial education. For more detailed information on some of the subjects treated in this and other paragraphs we have to refer the reader to the Government Resolution printed at the end of this chapter.

Female education has had to struggle in India against great difficulties of prejudice and social customs. But the prejudice is steadily giving way to new ideas and the education of girls is making considerable progress. In 1902 the total number of girls under instruction was 4,46,098, whereas ten years later it had increased to 9,53,981. The bulk of the female pupils are in the primary schools beyond which they cannot go owing to the custom of early marriage. Among Europeans and Anglo-Indians, the number of girls at schools is not much below that of boys. Among Indian Christians and Parsees the proportion is 1 to 2; among Brahmins and Budhists it is 1 to 5 or 6 while among other people it is much lower still. The awakening which has recently come upon the Mahomedan community, has led to a remarkable increase in the number of Mahomedan pupils. The total number of Moslem pupils in all classes of institutions was 9,79,000, in 1902, and it went up to 15,62,000, i. e. by nearly 60 per cent. in the next ten years. The education among other communities which have long been backward is also making progress though not, of course, in the same proportion. As to religious education,

the attitude of the British Government is one of perfect neutrality. But many people look with alarm at the neglect of the development of the moral and religious faculties of the young generation and the social disintegration and moral decadence which, they think, has resulted from the existing secular system of State education. The need of religious education is supplied in missionary and denominational institutions and provision will be made for it in the new Hindu and Mahomedan Universities. Grave doubts are, however, expressed by many thoughtful men as to the practicability and utility of this species of instruction and provision for it in Government institutions is not, of course, to be thought of. There is a greater degree of agreement on the question of moral education though here too there is much scepticism as to the results of direct moral teaching. The end can be and is being attained in many indirect ways. The Government of Bombay have taken up this question in earnest and they wish to take practical steps to provide for systematic moral teaching in schools. The dominant feature of recent educational progress is the liberality with which the Government of India has been making grants to provincial Governments to enable them to undertake schemes of reform. The public expenditure on education was doubled between the years 1901-02 and 1911-12, as will be seen from the following figures:—

| Total Expenditure
from. | 1901-02. | | 1911-12. | |
|----------------------------|-----------|------------|-------------|------------|
| | Amount. | Percentage | Amount. | Percentage |
| Provincial | £ 679,669 | 25·4 | £ 1,803,025 | 34·3 |
| Local Funds | 392,863 | 14·7 | 706,471 | 13·4 |
| Municipal Funds | 103,451 | 3·8 | 201,015 | 3·8 |
| Total Public Funds | 1,175,983 | 43·9 | 2,710,511 | 15·5 |
| Fees | 846,805 | 31·7 | 1,463,553 | 27·9 |
| Other sources | 648,924 | 24·3 | 1,082,159 | 20·6 |
| | 6,671,712 | 100 | 5,256,223 | 100 |

the attitude of the British Government is one of perfect neutrality. But many people look with alarm at the neglect of the development of the moral and religious faculties of the young generation and the social disintegration and moral decadence which, they think, has resulted from the existing secular system of State education. The need of religious education is supplied in missionary and denominational institutions and provision will be made for it in the new Hindu and Mahomedan Universities. Grave doubts are, however, expressed by many thoughtful men as to the practicability and utility of this species of instruction and provision for it in Government institutions is not, of course, to be thought of. There is a greater degree of agreement on the question of moral education though here too there is much scepticism as to the results of direct moral teaching. The end can be and is being attained in many indirect ways. The Government of Bombay have taken up this question in earnest and they wish to take practical steps to provide for systematic moral teaching in schools. The dominant feature of recent educational progress is the liberality with which the Government of India has been making grants to provincial Governments to enable them to undertake schemes of reform. The public expenditure on education was doubled between the years 1901-02 and 1911-12, as will be seen from the following figures:—

| Total Expenditure
from. | 1901-02. | | 1911-12. | |
|----------------------------|-----------|------------|-----------|------------|
| | Amount. | Percentage | Amount. | Percentage |
| Provincial | 679,669 | 25·4 | 1,803,025 | 34·3 |
| Local Funds | 392,863 | 14·7 | 706,471 | 13·4 |
| Municipal Funds | 103,451 | 3·8 | 201,015 | 3·8 |
| Total Public Funds | 1,175,983 | 43·9 | 2,710,511 | 15·5 |
| Fees | 846,805 | 31·7 | 1,463,553 | 27·9 |
| Other sources | 648,924 | 24·3 | 1,082,159 | 20·6 |
| | 6,671,712 | 100 | 5,256,223 | 100 |

The first of these is the fact that the system is not a simple one. It is a complex system, and it is not possible to describe it in a simple way. The second is that the system is not a simple one. It is a complex system, and it is not possible to describe it in a simple way. The third is that the system is not a simple one. It is a complex system, and it is not possible to describe it in a simple way. The fourth is that the system is not a simple one. It is a complex system, and it is not possible to describe it in a simple way. The fifth is that the system is not a simple one. It is a complex system, and it is not possible to describe it in a simple way. The sixth is that the system is not a simple one. It is a complex system, and it is not possible to describe it in a simple way. The seventh is that the system is not a simple one. It is a complex system, and it is not possible to describe it in a simple way. The eighth is that the system is not a simple one. It is a complex system, and it is not possible to describe it in a simple way. The ninth is that the system is not a simple one. It is a complex system, and it is not possible to describe it in a simple way. The tenth is that the system is not a simple one. It is a complex system, and it is not possible to describe it in a simple way.

| Name | Address | | | |
|-------------------|----------------|---------------|-------|-------|
| | Street | City | State | Zip |
| Mr. John Doe | 123 Main St. | New York | NY | 10001 |
| Mr. Jane Smith | 456 Elm St. | Los Angeles | CA | 90001 |
| Mr. Bob Johnson | 789 Oak St. | Chicago | IL | 60601 |
| Mr. Alice Brown | 101 Pine St. | San Francisco | CA | 94101 |
| Mr. David White | 202 Cedar St. | Seattle | WA | 98101 |
| Mr. Susan Green | 303 Birch St. | Portland | OR | 97201 |
| Mr. Michael Black | 404 Spruce St. | Denver | CO | 80201 |
| Mr. Emily Gray | 505 Willow St. | Phoenix | AZ | 85001 |
| Mr. James Blue | 606 Ash St. | San Diego | CA | 92101 |

The surpluses of the Government of India have enabled them to make permanent and recurring grants to the local Governments for the furtherance of education and the latter have undertaken schemes of educational advance which without such financial assistance they would not have been in a position to contemplate.

NOTE.

The following important Resolution was issued by the Government of India on 21st February 1913 :—

His most gracious Imperial Majesty the King-Emperor in replying to the address of the Calcutta University on the 6th January, 1911, said :

‘It is my wish that there may be spread over the land a network of schools and colleges from which will go forth loyal and manly and useful citizens able to hold their own in industries and agriculture and all the vocations in life, and it is my wish too that the homes of Indian subjects may be brightened and their labour sweetened by the spread of knowledge with all that follows in its train, a higher level of thought, of comfort and of health. It is through education that my wish will be fulfilled, and the cause of education in India will ever be very close to my heart.’

DIVERSE CONDITIONS.

2. The Government of India have decided, with the approval of the Secretary of State, to assist the local Governments by means of large grants from the Imperial revenues, as funds become available, to extend comprehensive systems of education in the several provinces. Each province has its own educational system, which has grown up under local conditions and become familiar to the people as a part of their general well-being. In view of the diverse social conditions in India there cannot in practice be one set of regulations and one rate of progress for the whole of India. Even within the provinces there is scope for greater variety in the types of institutions than exists today. The Government of India have no desire to centralise provincial systems or to attempt to introduce a superficial

The surpluses of the Government of India have enabled them to make permanent and recurring grants to the local Governments for the furtherance of education and the latter have undertaken schemes of educational advance which without such financial assistance they would not have been in a position to contemplate.

NOTE.

The following important Resolution was issued by the Government of India on 21st February 1913 :—

His most gracious Imperial Majesty the King-Emperor in replying to the address of the Calcutta University on the 6th January, 1911, said :

‘It is my wish that there may be spread over the land a network of schools and colleges from which will go forth loyal and manly and useful citizens able to hold their own in industries and agriculture and all the vocations in life, and it is my wish too that the homes of Indian subjects may be brightened and their labour sweetened by the spread of knowledge with all that follows in its train, a higher level of thought, of comfort and of health. It is through education that my wish will be fulfilled, and the cause of education in India will ever be very close to my heart.’

DIVERSE CONDITIONS.

2. The Government of India have decided, with the approval of the Secretary of State, to assist the local Governments by means of large grants from the Imperial revenues, as funds become available, to extend comprehensive systems of education in the several provinces. Each province has its own educational system, which has grown up under local conditions and become familiar to the people as a part of their general well-being. In view of the diverse social conditions in India there cannot in practice be one set of regulations and one rate of progress for the whole of India. Even within the provinces there is scope for greater variety in the types of institutions than exists today. The Government of India have no desire to centralise provincial systems or to attempt to introduce a superficial

uniformity, still less do they desire to deprive local Governments of interest and initiative in education. But it is important at intervals to review the educational policy in India as a whole. The principles bearing on education in its wider aspects and under modern conditions, and on the conceptions of the orientalisists and on the special needs of domiciled community were discussed at three important conferences of experts and representative non-officials held within the last two years. These principles are the basis of the accepted policy. How far they can at any time find local application must be determined with reference to local conditions.

RECENT PROGRESS.

3. The defects of the educational systems in India are well-known and need not be re-stated. They have been largely due to want of funds. Of late years there has been a real progress in removing them. In the last decade the total expenditure from all sources on education has risen from 4 crores to nearly $7\frac{1}{2}$ crores. The progress has been especially great since Lord Curzon's Government introduced large measures of educational reform. In the last four years the number of those under instruction has increased from about $5\frac{1}{2}$ to $6\frac{1}{2}$ millions. Again, the formerly crushing weight of examinations has been appreciably lightened; a commencement has been made in the reform of university and college organization and the grants from public funds to private institutions have almost doubled in the past nine years. These facts speak for themselves. Nor must the great benefits which education has conferred on India be ignored or minimised. Criticism based on imperfect analogies is often unjust. It is not just, for instance, to compare the Indian systems still for the most part in their infancy with the matured systems of the modern western world or to disregard the influences of social organization and mentality. Again, the common charge that the higher education of India has been built upon a slender foundation of popular education—and that its teaching agency is inefficient is one that might have been levelled against every country in Europe at some period of its history. India is now passing through stages taken by other countries in their time.

FORMATION OF CHARACTER.

4. In the forefront of their policy the Government of India desire to place the formation of the character of the scholars and the under-graduates under tuition. In the formation of character the influence of home and the personality of the teacher play the larger part. There is reason to hope in the light of acquired experience that increased educational facilities under better educational conditions will accelerate social reform, spread female education and secure better teachers. Already much attention is being given to religious and moral education in the widest sense of the term, comprising, that is, direct religious and moral instruction and indirect agencies, such as monitorial or similar systems, tone, social life, traditions, discipline, the

[illegible]

The following information is provided for the purpose of providing a general overview of the company's financial performance and position. The information is not intended to be a substitute for a full financial statement or other financial information. The information is provided for informational purposes only and should not be used as a basis for investment decisions. The information is provided for informational purposes only and should not be used as a basis for investment decisions.

- [illegible]

uniformity, still less do they desire to deprive local Governments of interest and initiative in education. But it is important at intervals to review the educational policy in India as a whole. The principles bearing on education in its wider aspects and under modern conditions, and on the conceptions of the orientalist and on the special needs of domiciled community were discussed at three important conferences of experts and representative non-officials held within the last two years. These principles are the basis of the accepted policy. How far they can at any time find local application must be determined with reference to local conditions.

RECENT PROGRESS.

3. The defects of the educational systems in India are well-known and need not be re-stated. They have been largely due to want of funds. Of late years there has been a real progress in removing them. In the last decade the total expenditure from all sources on education has risen from 4 crores to nearly $7\frac{1}{2}$ crores. The progress has been especially great since Lord Curzon's Government introduced large measures of educational reform. In the last four years the number of those under instruction has increased from about $5\frac{1}{2}$ to $6\frac{1}{2}$ millions. Again, the formerly crushing weight of examinations has been appreciably lightened; a commencement has been made in the reform of university and college organization and the grants from public funds to private institutions have almost doubled in the past nine years. These facts speak for themselves. Nor must the great benefits which education has conferred on India be ignored or minimised. Criticism based on imperfect analogies is often unjust. It is not just, for instance, to compare the Indian systems still for the most part in their infancy with the matured systems of the modern western world or to disregard the influences of social organization and mentality. Again, the common charge that the higher education of India has been built upon a slender foundation of popular education—and that its teaching agency is inefficient is one that might have been levelled against every country in Europe at some period of its history. India is now passing through stages taken by other countries in their time.

FORMATION OF CHARACTER.

4. In the forefront of their policy the Government of India desire to place the formation of the character of the scholars and the under-graduates under tuition. In the formation of character the influence of home and the personality of the teacher play the larger part. There is reason to hope in the light of acquired experience that increased educational facilities under better educational conditions will accelerate social reform, spread female education and secure better teachers. Already much attention is being given to religious and moral education in the widest sense of the term, comprising, that is, direct religious and moral instruction and indirect agencies, such as monitorial or similar systems, tone, social life, traditions, discipline, the

betterment of environment, hygiene, and that most important side of education, physical culture and organised recreation.

RELIGIOUS AND MORAL INSTRUCTION.

5. The question of religious and moral instruction was discussed at a local conference held in Bombay and subsequently at the Imperial Conference held at Allahabad in February, 1911. Grave differences of opinion emerged as to the possibility or advantage of introducing direct religious instruction into schools generally and apprehensions of difficulty in the working of any definite system were put forward. Doubts were also expressed as to the efficacy of direct moral instruction when divorced from religious sanctions. In the matter of moral teaching, however, the difficulties are undoubtedly less than in the case of religious teaching. The papers laid before the conference indicate that not a little moral instruction is already given in the ordinary text-books and in other ways. The Government of Bombay are engaged upon the preparation of a book containing moral illustrations which will be placed in the hands of teachers in order to assist them in imparting moral instruction. Excellent materials for ethical teaching are available in the Mahabharata, the Ramayana, portions of Hafiz, Sadi, Maulana, Rumi and other classics in Sanskrit, Arabic, Persian and Pali. The Government of India while bound to maintain a position of complete neutrality in matters of religion observe that the most thoughtful minds in India lament the tendency of the existing systems of education to develop the intellectual at the expense of the moral and religious faculties. In September, 1911, they invited local Governments other than the Bombay Government to assemble local committees in order to consider the whole question. Such committees are still at work in some provinces. For the present the Government of India must be content to watch the experiment and keep the matter prominently in view. Enlightened opinion and accumulated experience will, it is hoped, prove a practical solution to what is unquestionably the most important educational problem of the time.

HOSTELS AND SCHOOL BUILDINGS.

6. There has been real progress of late years in the provision of hostels. In the last decade the numbers both of hostels and of resident male students have nearly doubled and now stand at over 2,200 and over 78,000, respectively. The Government of India desire to see the hostel system develop until there is adequate residential accommodation attached to every college and secondary school in India. But a hostel of itself will not achieve the desired end unless effective means are adopted for guiding students and assisting them in their work and in their recreation. Already in some first class institutions in the country admirable arrangements have been made on European lines to secure the full benefits of the residential system. Again, it is reassuring that traditions are growing up, that meetings of old boys are held and that debating and literary societies

betterment of environment, hygiene, and that most important side of education, physical culture and organised recreation.

RELIGIOUS AND MORAL INSTRUCTION.

5. The question of religious and moral instruction was discussed at a local conference held in Bombay and subsequently at the Imperial Conference held at Allahabad in February, 1911. Grave differences of opinion emerged as to the possibility or advantage of introducing direct religious instruction into schools generally and apprehensions of difficulty in the working of any definite system were put forward. Doubts were also expressed as to the efficacy of direct moral instruction when divorced from religious sanctions. In the matter of moral teaching, however, the difficulties are undoubtedly less than in the case of religious teaching. The papers laid before the conference indicate that not a little moral instruction is already given in the ordinary text-books and in other ways. The Government of Bombay are engaged upon the preparation of a book containing moral illustrations which will be placed in the hands of teachers in order to assist them in imparting moral instruction. Excellent materials for ethical teaching are available in the Mahabharata, the Ramayana, portions of Hafiz, Sadi, Maulana, Rum and other classics in Sanskrit, Arabic, Persian and Pali. The Government of India while bound to maintain a position of complete neutrality in matters of religion observe that the most thoughtful minds in India lament the tendency of the existing systems of education to develop the intellectual at the expense of the moral and religious faculties. In September, 1911, they invited local Governments other than the Bombay Government to assemble local committees in order to consider the whole question. Such committees are still at work in some provinces. For the present the Government of India must be content to watch the experiment and keep the matter prominently in view. Enlightened opinion and accumulated experience will, it is hoped, prove a practical solution to what is unquestionably the most important educational problem of the time.

HOSTELS AND SCHOOL BUILDINGS.

6. There has been real progress of late years in the provision of hostels. In the last decade the numbers both of hostels and of resident male students have nearly doubled and now stand at over 2,200 and over 78,000, respectively. The Government of India desire to see the hostel system develop until there is adequate residential accommodation attached to every college and secondary school in India. But a hostel of itself will not achieve the desired end unless effective means are adopted for guiding students and assisting them in their work and in their recreation. Already in some first class institutions in the country admirable arrangements have been made on European lines to secure the full benefits of the residential system. Again, it is reassuring that traditions are growing up, that meetings of old boys are held and that debating and literary societies

are becoming more common. All these require help which will in many cases best be organised in connection with the hostel system. Much has also been done of late to improve school buildings, but a large number of thoroughly unsuitable, not to say, mean, squalid and insanitary buildings, still remain. Buildings have to be designed upon sanitary lines, with a view to avoid overcrowding and facilitate the maintenance of discipline. The Government of India hope that the time is not far distant when educational buildings will be distinguished as the most modern and commodious buildings in the locality, and scholars in India will have the advantages in this respect of scholars in the west. The influence for good of clear, well-arranged buildings with the concomitant domestic discipline can scarcely be exaggerated.

THE CLAIMS OF HYGIENE.

7. The claims of hygiene are paramount not only in the interests of the children themselves, though these are all-important, but also as an object-lesson to the rising generation. Hitherto want of funds and the apathy of the people have been responsible for the comparatively small attention paid to hygiene in some provinces. A simple course of instruction in hygiene is prescribed at some period of the school course, but the lessons are often of too formal a type, and are not connected with the life of the pupil and fail to form his habits or to enlist his intelligence. In after life, in the struggle against disease in some areas, there is a general inspection of school premises by a medical authority, but it is believed that little is done for the individual inspection of school children and that medical advice has not always been enlisted in regard to the length of the school day, the framing of curriculum and such matters. The Government of India commend to local Governments a thorough enquiry by a small committee of experts, medical and educational, into school and college hygiene. The scope of the enquiry will, no doubt, vary in different parts of India, but the following seem to be important matters for investigation: (1) The condition of school hours, hostels and other places where pupils reside from the point of view of sanitation; (2) the professional examination of building plans from the hygiene point of view; (3) the introduction of a simple and more practical course of hygiene—whether it should be a compulsory subject in the various schemes of school-leaving certificates and whether it should be recommended to universities as part of their matriculation examination; (4) the inspection, where possible, of male scholars with special reference to infectious diseases, eyesight and malaria; (5) the length of the school day, home studies and the effect upon health of the present system of working for formal examinations; (6) the requirements in the way of recreation grounds, gardens, gymnasia, reading rooms, common-rooms, etc.; (7) the inspecting and administrative agency required; (8) the possibility of co-operation with existing organisations, and (9) the provision of funds.

of the world, and the world is not a single entity, but a collection of many different peoples and nations, each with its own unique culture and way of life. The world is a vast and diverse place, and it is our duty to understand and respect the differences between us. We must learn to live together in harmony, and to work together to solve the problems of the world. The world is our home, and it is our responsibility to make it a better place for all of us.

THE NEW INTERNATIONALIST

The New Internationalist is a movement that seeks to bring about a new world order, one in which all peoples are equal and free. It is a movement that is based on the principles of justice, peace, and brotherhood. The New Internationalist is a movement that is for the people, and by the people. It is a movement that is for the future, and for the better world that we all deserve. The New Internationalist is a movement that is for the world, and for all of its peoples. It is a movement that is for the peace and prosperity of the world, and for the happiness of all its peoples. The New Internationalist is a movement that is for the world, and for all of its peoples. It is a movement that is for the peace and prosperity of the world, and for the happiness of all its peoples.

The New Internationalist is a movement that is for the world, and for all of its peoples. It is a movement that is for the peace and prosperity of the world, and for the happiness of all its peoples. The New Internationalist is a movement that is for the world, and for all of its peoples. It is a movement that is for the peace and prosperity of the world, and for the happiness of all its peoples. The New Internationalist is a movement that is for the world, and for all of its peoples. It is a movement that is for the peace and prosperity of the world, and for the happiness of all its peoples. The New Internationalist is a movement that is for the world, and for all of its peoples. It is a movement that is for the peace and prosperity of the world, and for the happiness of all its peoples.

are becoming more common. All these require help which will in many cases best be organised in connection with the hostel system. Much has also been done of late to improve school buildings, but a large number of thoroughly unsuitable, not to say, mean, squalid and insanitary buildings, still remain. Buildings have to be designed upon sanitary lines, with a view to avoid overcrowding and facilitate the maintenance of discipline. The Government of India hope that the time is not far distant when educational buildings will be distinguished as the most modern and commodious buildings in the locality, and scholars in India will have the advantages in this respect of scholars in the west. The influence for good of clear, well-arranged buildings with the concomitant domestic discipline can scarcely be exaggerated.

THE CLAIMS OF HYGIENE.

7. The claims of hygiene are paramount not only in the interests of the children themselves, though these are all-important, but also as an object-lesson to the rising generation. Hitherto want of funds and the apathy of the people have been responsible for the comparatively small attention paid to hygiene in some provinces. A simple course of instruction in hygiene is prescribed at some period of the school course, but the lessons are often of too formal a type, and are not connected with the life of the pupil and fail to form his habits or to enlist his intelligence. In after life, in the struggle against disease in some areas, there is a general inspection of school premises by a medical authority, but it is believed that little is done for the individual inspection of school children and that medical advice has not always been enlisted in regard to the length of the school day, the framing of curriculum and such matters. The Government of India commend to local Governments a thorough enquiry by a small committee of experts, medical and educational, into school and college hygiene. The scope of the enquiry will, no doubt, vary in different parts of India, but the following seem to be important matters for investigation: (1) The condition of school hours, hostels and other places where pupils reside from the point of view of sanitation; (2) the professional examination of building plans from the hygiene point of view; (3) the introduction of a simple and more practical course of hygiene—whether it should be a compulsory subject in the various schemes of school-leaving certificates and whether it should be recommended to universities as part of their matriculation examination; (4) the inspection, where possible, of male scholars with special reference to infectious diseases, eyesight and malaria; (5) the length of the school day, home studies and the effect upon health of the present system of working for formal examinations; (6) the requirements in the way of recreation grounds, gardens, gymnasia, reading rooms, common-rooms, etc.; (7) the inspecting and administrative agency required; (8) the possibility of co-operation with existing organisations, and (9) the provision of funds.

THREE CARDINAL PRINCIPLES.

8. Three other cardinal principles of policy may here be stated :—(1) The steady raising of the standard of existing instruction should not be postponed to increasing their number when the new institution cannot be efficient without a better trained and better paid teaching staff ; (2) the scheme of primary and secondary education for the average scholar should steadily, as trained teachers become available, be diverted to more practical ends, *e.g.* by means of manual training, gardening, out-door observations, practical teaching of geography, school excursions, organised tours of instruction, etc., and (3) provision should be made for higher studies and research in India so that Indian students may have every facility for higher work without having to go abroad.

FACILITIES FOR RESEARCH.

9. The provision of facilities for research cannot be postponed in almost any branch of science and the arts, in philosophy, history, geography, language, literature, economics, sociology, medicine, public health, agriculture, biology, geology, botany and in all the sciences applied to industry. Not to particularise more closely, there is a wide untrodden field awaiting research. Among the essentials are good libraries, laboratories and collections, ample leisure and freedom in study, systematic collaboration of professors and students, an atmosphere engendered by the simultaneous working of many minds on numerous but interdependent branches of research. Only when they know the methods of research by which the knowledge they are to impart is secured and tested are teachers fully equipped for their work in the more advanced stages of education.

ELEMENTARY EDUCATION.

10. The propositions that illiteracy must be broken down and that primary education has in the present circumstances of India a predominant claim upon the public funds, represent an accepted policy no longer open to discussion. For financial and administrative reasons of decisive weight the Government of India have refused to recognise the principle of compulsory education, but they desire the widest possible extension of primary education on a voluntary basis. As regards free elementary education the time has not yet arrived when it is practicable to dispense wholly with fees without injustice to the many villages which are waiting for the provision of schools. The fees derived from those pupils who can pay them are now devoted to the maintenance and expansion of primary education and a total remission of fees would involve to a certain extent a more prolonged postponement of the provision of schools in villages without them. In some provinces elementary education is already free and in the majority of provinces liberal provision is already made for giving free elementary instruction to those boys whose parents cannot afford to pay fees. Local Governments have been requested to extend the application of the principle of free elementary education amongst the poorer and more backward

THREE CARDINAL PRINCIPLES.

8. Three other cardinal principles of policy may here be stated :—(1) The steady raising of the standard of existing instruction should not be postponed to increasing their number when the new institution cannot be efficient without a better trained and better paid teaching staff ; (2) the scheme of primary and secondary education for the average scholar should steadily, as trained teachers become available, be diverted to more practical ends, *e.g.* by means of manual training, gardening, out-door observations, practical teaching of geography, school excursions, organised tours of instruction, etc., and (3) provision should be made for higher studies and research in India so that Indian students may have every facility for higher work without having to go abroad.

FACILITIES FOR RESEARCH.

9. The provision of facilities for research cannot be postponed in almost any branch of science and the arts, in philosophy, history, geography, language, literature, economics, sociology, medicine, public health, agriculture, biology, geology, botany and in all the sciences applied to industry. Not to particularise more closely, there is a wide untrodden field awaiting research. Among the essentials are good libraries, laboratories and collections, ample leisure and freedom in study, systematic collaboration of professors and students, an atmosphere engendered by the simultaneous working of many minds on numerous but interdependent branches of research. Only when they know the methods of research by which the knowledge they are to impart is secured and tested are teachers fully equipped for their work in the more advanced stages of education.

ELEMENTARY EDUCATION.

10. The propositions that illiteracy must be broken down and that primary education has in the present circumstances of India a predominant claim upon the public funds, represent an accepted policy no longer open to discussion. For financial and administrative reasons of decisive weight the Government of India have refused to recognise the principle of compulsory education, but they desire the widest possible extension of primary education on a voluntary basis. As regards free elementary education the time has not yet arrived when it is practicable to dispense wholly with fees without injustice to the many villages which are waiting for the provision of schools. The fees derived from those pupils who can pay them are now devoted to the maintenance and expansion of primary education and a total remission of fees would involve to a certain extent a more prolonged postponement of the provision of schools in villages without them. In some provinces elementary education is already free and in the majority of provinces liberal provision is already made for giving free elementary instruction to those boys whose parents cannot afford to pay fees. Local Governments have been requested to extend the application of the principle of free elementary education amongst the poorer and more backward

sections of the population ; further than this it is not possible at present to go.

GUIDING PRINCIPLES.

11. For guidance in the immediate future with the necessary modifications due to local conditions the Government of India desire to lay down the following principles in regard to primary education :—

- (1) Subject to the principle stated in paragraph (2) supra, there should be large expansion of lower primary schools teaching the three R's with drawing, knowledge of the village map, nature study and physical exercises.
- (2) Simultaneously upper schools should be established at suitable centres and lower primary schools should, where necessary, be developed into upper schools.
- (3) Expansion should be secured by means of board schools except where this is financially impossible when aided schools under recognised management should be encouraged. In certain tracts liberal subsidies may advantageously be given to Maktabas, Patshalas and the like which are ready to undertake simple vernacular teaching of general knowledge. Reliance should not be placed upon venture schools, unless by subjecting themselves to suitable management and to inspection they earn recognition.
- (4) It is not practicable at present in most parts of India to draw any great distinction between the curricula of rural and of urban primary schools, but in the latter class of school there is a special scope for the practical teaching of geography, school excursions, etc., and nature study should vary with the environment. And some other form of simple knowledge of the locality might advantageously be substituted for the study of the village map. As competent teachers become available a greater differentiation in the courses will be possible.
- (5) Teachers should be drawn from the boys whom they will teach. They should have passed the middle vernacular examination or been through a corresponding course and should have undergone a year's training. Where they have passed through only the upper primary course and have not already had sufficient experience in a school a two years' course of training is generally desirable. This training may be given in small local institutions, but preferably, as funds permit, in larger and more efficient central normal schools. In both kinds of institutions, adequate practising schools are a necessary adjunct and the size of the practising school will generally determine the size of the normal school. As teachers left to themselves in villages are liable to deteriorate there are great advantages in periodical repetition and improvement courses for primary school teachers during the school vacations.

sections of the population ; further than this it is not possible at present to go.

GUIDING PRINCIPLES.

11. For guidance in the immediate future with the necessary modifications due to local conditions the Government of India desire to lay down the following principles in regard to primary education :—

- (1) Subject to the principle stated in paragraph (2) supra, there should be large expansion of lower primary schools teaching the three R's with drawing, knowledge of the village map, nature study and physical exercises.
- (2) Simultaneously upper schools should be established at suitable centres and lower primary schools should, where necessary, be developed into upper schools.
- (3) Expansion should be secured by means of board schools except where this is financially impossible when aided schools under recognised management should be encouraged. In certain tracts liberal subsidies may advantageously be given to Maktabas, Patshalas and the like which are ready to undertake simple vernacular teaching of general knowledge. Reliance should not be placed upon venture schools, unless by subjecting themselves to suitable management and to inspection they earn recognition.
- (4) It is not practicable at present in most parts of India to draw any great distinction between the curricula of rural and of urban primary schools, but in the latter class of school there is a special scope for the practical teaching of geography, school excursions, etc., and nature study should vary with the environment. And some other form of simple knowledge of the locality might advantageously be substituted for the study of the village map. As competent teachers become available a greater differentiation in the courses will be possible.
- (5) Teachers should be drawn from the boys whom they will teach. They should have passed the middle vernacular examination or been through a corresponding course and should have undergone a year's training. Where they have passed through only the upper primary course and have not already had sufficient experience in a school a two years' course of training is generally desirable. This training may be given in small local institutions, but preferably, as funds permit, in larger and more efficient central normal schools. In both kinds of institutions, adequate practising schools are a necessary adjunct and the size of the practising school will generally determine the size of the normal school. As teachers left to themselves in villages are liable to deteriorate there are great advantages in periodical repetition and improvement courses for primary school teachers during the school vacations.

- (6) Trained teachers should receive not less than Rs. 12 per month (special rates being given in certain areas). They should be placed in a graded service and they should either be eligible for a pension or admitted to a provident fund.
- (7) No teacher should be called on to instruct more than fifty pupils, preferably the number should be 30 or 40 and it is desirable to have a separate teacher for each class or standard.
- (8) The continuation schools known as middle or secondary vernacular schools should be improved and multiplied.
- (9) Schools should be housed in sanitary and commodious but not in expensive buildings.

VARYING CONDITIONS.

12. Whilst laying down these general principles the Government of India recognise that in regard to primary education conditions vary greatly in the different provinces. In this old province of Bengal for instance, where there is already some sort of primary school for a little over every three-square miles of the total area of the province, the multiplication of schools may very well not be so urgent a problem as an increase in the attendance and an improvement in the qualifications of the teachers. In some parts of India, at the present time, no teacher in a primary school gets less than Rs. 12 a month. In Burma all conditions are different and monastic schools are an important feature of the organisation. Different problems again present themselves where board schools and aided schools respectively are the basis of the system of primary education. Nor must it be supposed that the policy laid down in these general terms for the immediate future limits the aspirations of the Government of India or the local Governments. Indeed, the Government of India believe that the day is not far distant when teachers in primary schools will receive considerably higher remuneration, when all teachers will be trained and when it will be possible to introduce more modern and elastic methods in primary schools.

VERNACULAR CONTINUATION SCHOOLS.

13. Vernacular continuation schools are the only entrance to more advanced study which does not demand acquaintances with a foreign language and it is in them that competent teachers for primary schools will be prepared. Technical and industrial progress also is likely to create numerous openings for men with a good vernacular education. In certain provinces owing to the popularity and cheapness of English education these institutions have declined but in the whole of India, in the last decade, the number of schools has increased from 2,135 to 2,666 and that of their scholars from over 1,77,00 to close on 2,57,000. The Government of India believe that these schools will become much more popular and useful when they are placed on a sound footing. They also think that it would be an advantage if an advanced vernacular course could be provided at selected centres for students desirous of becoming teachers in these continuation schools.

- (6) Trained teachers should receive not less than Rs. 12 per mont (special rates being given in certain areas). They should be placed in a graded service and they should either be eligible for a pension or admitted to a provident fund.
- (7) No teacher should be called on to instruct more than fifty pupils, perferably the number should be 30 or 40 and it is desirable to have a separate teacher for each class or standard.
- (8) The continuation schools known as middle or secondary vernacular schools should be improved and multiplied.
- (9) Schools should be housed in sanitary and commodious but not in expensive buildings.

VARYING CONDITIONS.

12. While laying down these general principles the Government of India recognise that in regard to primary education conditions vary greatly in the different provinces. In the old province of Bengal for instance, where there is already some sort of primary school for a little over every three-square miles of the total area of the province, the multiplication of schools may very well not be so urgent a problem as an increase in the attendance and an improvement in the qualifications of the teachers. In some parts of India, at the present time, no teacher in a primary school gets less than Rs. 12 a month. In Burma all conditions are different and monastic schools are an important feature of the organisation. Different problems again present themselves where board schools and aided schools respectively are the basis of the system of primary education. Nor must it be supposed that the policy laid down in these general terms for the immediate future limits the aspirations of the Government of India or the local Governments. Indeed, the Government of India believe that the day is not far distant when teachers in primary schools will receive considerably higher remuneration, when all teachers will be trained and when it will be possible to introduce more modern and elastic methods in primary schools.

VERNAacular CONTINUATION SCHOOLS.

13. Vernaacular continuation schools are the only entrance to more advanced study which does not demand acquaintance with a foreign language and it is in them that competent teachers for primary schools will be prepared. Technioal and industrial progress also is likely to create numerous openings for men with a good vernacular education. In certain provinces owing to the popularity and cheapness of English education these institutions have declined but in the whole of India, in the last decade, the number of schools has increased from 2,135 to 2,666 and that of their scholars from over 1,77,00 to close on 2,57,000. The Government of India believe that these schools will become much more popular and useful when they are placed on a sound footing. They also think that it would be an advantage if an advanced vernaacular course could be provided at selected centres for students desirous of becoming teachers in these continuation schools.

1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
 6. **References**

1. *Journal of the American Medical Association*, 1997; 278: 1019-1024.

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making sure that it is followed. The fifth step is to evaluate the results. This involves checking to see if the problem has been solved and if the solution is sustainable.

The following information is provided for the purpose of providing a general overview of the information contained in the report. It is not intended to be a substitute for the full report.

14. In some provinces special classes have been opened in secondary English schools for scholars who have been through the whole course at a vernacular continuation school in order to enable them to make up the ground in English. There is much experience to the effect that scholars who have been through a complete vernacular course are exceptionally efficient mentally. The Government of India recommend arrangements on the above lines to all local Governments and administrations which have not already introduced them.

A PROGRAMME OF EXTENSION.

15. It is the desire and hope of the Government of India to see in the not distant future some 91,000 primary public school added to the 1,00,000 which already exist for boys and to double the 4½ millions of pupils who now receive instruction in them. For purposes of the present calculation a sum of Rs. 375 per annum may be taken as a rough approximation of the probable average cost of maintenance of a primary board school. This figure provides for two teachers, one on Rs. 15 and the other on Rs. 12 per month and Rs. 4 per month for the purchase of books and stationery, petty repairs, prizes and for necessary contingencies. This is, however, only an average figure for the whole of India: In India as a whole the average cost of a board or municipal school is at present Rs. 315 per annum. In Bombay the average cost of a primary school under any kind of management is now about Rs. 437, but this figure includes the cost of the higher classes, which in some other provinces are classed as middle or secondary vernacular classes.

EDUCATION OF GIRLS.

16. The education of girls remains to be organised. In 1904 the Government of India remarked that peculiar difficulties were encountered in this branch of education owing to the social customs of the people, but that, as a far greater proportional impulse is imparted to the educational and moral tone of the people by the education of women than by the education of men, a liberal treatment had been accorded for girls in respect of scholarships and fees. This policy has been continued. Efforts have been also made not without success to bring education through the agency of governesses within the reach of *purda* ladies, to increase the number of ladies on the inspecting staff and to replace male by female teachers in Government and aided schools. The number of girls under instruction has risen from 4,44,470 in 1901-02 to 8,64,363 in 1910-11. But the total number still remains insignificant in proportion to the female population. The Government of India believe, however, that in certain areas there are indications of a swiftly growing demand for a more extensive education of girls.

GENERAL CONSIDERATIONS.

17. The immediate problem in the education of girls is one of social development. The existing customs and the ideas opposed to the education of girls will require different handling in different parts of India. The

[illegible][illegible][illegible]

1. *Journal of Management Studies*, 1996, 33, 1, 1-14.
 2. *Journal of Management Studies*, 1996, 33, 2, 1-14.
 3. *Journal of Management Studies*, 1996, 33, 3, 1-14.

14. In some provinces special classes have been opened in secondary English schools for scholars who have been through the whole course at a vernacular continuation school in order to enable them to make up the ground in English. There is much experience to the effect that scholars who have been through a complete vernacular course are exceptionally efficient mentally. The Government of India recommend arrangements on the above lines to all local Governments and administrations which have not already introduced them.

A PROGRAMME OF EXTENSION.

15. It is the desire and hope of the Government of India to see in the not distant future some 91,000 primary public school added to the 1,00,000 which already exist for boys and to double the 4½ millions of pupils who now receive instruction in them. For purposes of the present calculation a sum of Rs. 375 per annum may be taken as a rough approximation of the probable average cost of maintenance of a primary board school. This figure provides for two teachers, one on Rs. 15 and the other on Rs. 12 per month and Rs. 4 per month for the purchase of books and stationery, petty repairs, prizes and for necessary contingencies. This is, however, only an average figure for the whole of India: In India as a whole the average cost of a board or municipal school is at present Rs. 315 per annum. In Bombay the average cost of a primary school under any kind of management is now about Rs. 437, but this figure includes the cost of the higher classes, which in some other provinces are classed as middle or secondary vernacular classes.

EDUCATION OF GIRLS.

16. The education of girls remains to be organised. In 1904 the Government of India remarked that peculiar difficulties were encountered in this branch of education owing to the social customs of the people, but that, as a far greater proportional impulse is imparted to the educational and moral tone of the people by the education of women than by the education of men, a liberal treatment had been accorded for girls in respect of scholarships and fees. This policy has been continued. Efforts have been also made not without success to bring education through the agency of governesses within the reach of *purda* ladies, to increase the number of ladies on the inspecting staff and to replace male by female teachers in Government and aided schools. The number of girls under instruction has risen from 4,44,470 in 1901-02 to 8,64,363 in 1910-11. But the total number still remains insignificant in proportion to the female population. The Government of India believe, however, that in certain areas there are indications of a swiftly growing demand for a more extensive education of girls.

GENERAL CONSIDERATIONS.

17. The immediate problem in the education of girls is one of social development. The existing customs and the ideas opposed to the education of girls will require different handling in different parts of India. The

Governor General-in-Council accordingly hesitates to lay down general lines of policy which might hamper local Governments and administrations and has preferred to call for schemes from each province, but recommends the following principles for general consideration ; (a) the education of girls should be practical with reference to the position which they will fill in social life; (b) it should not seek to imitate the education suitable for boys nor should it be dominated by examinations ; (c) special attention should be paid to hygiene and the surroundings of school-life; (d) the services of women should be more freely enlisted for instruction and inspection ; and (e) continuity in inspection and control should be specially aimed at.

18. The difficulty of obtaining competent schoolmistresses is felt acutely in many parts of the country. In this connection it has been suggested that there is a large opening for women of the domiciled community who have a knowledge of the vernacular and who might be specially trained for the purpose.

SECONDARY EDUCATION.

19. The importance of secondary English and in particular of high school education is far-reaching. Secondary education of one grade or another is the basis of all professional or industrial training in India. The inferior output of secondary schools invades colleges and technical institutions and hinders the development of higher education. At the Allahabad Conference the directors of public instruction unanimously regarded the reform of secondary English schools as the most urgent of educational problems. The improvement of secondary English education has for some time occupied the attention of the Government of India and the local Governments and it is hoped in the near future to remedy many defects of the present system.

20. In the last nine years the number of secondary schools has increased from nearly 5,500 to over 6,500 and the number of scholars from 6,22,000 to 9,00,000. The policy of Government is to rely so far as possible on private enterprise in secondary education. This policy laid down in the despatch of 1854 was restated and amplified by the Education Commission of 1882, which while doubtful as to how far the process of withdrawal on the part of Government should be carried, agreed that whatever degree of withdrawal from the provision of education might be found advisable there should be no relaxation of indirect but efficient control by the state. The admixture of private management and state control was again emphasised in the resolution of 1904. To this policy the Government of India adhere. It is dictated not by any belief in the inherent superiority of private over state management but by preference for an established system, and above all by the necessity of concentrating the direct energies of the state and the bulk of its available resources upon the improvement and expansion of elementary education. The policy may be summarised as the encouragement of privately managed schools under suitable bodies, maintained in efficiency

Governor General-in-Council accordingly hesitates to lay down general lines of policy which might hamper local Governments and administrations and has preferred to call for schemes from each province, but recommends the following principles for general consideration ; (a) the education of girls should be practical with reference to the position which they will fill in social life; (b) it should not seek to imitate the education suitable for boys nor should it be dominated by examinations ; (c) special attention should be paid to hygiene and the surroundings of school-life ; (d) the services of women should be more freely enlisted for instruction and inspection ; and (e) continuity in inspection and control should be specially aimed at.

18. The difficulty of obtaining competent schoolmistresses is felt acutely in many parts of the country. In this connection it has been suggested that there is a large opening for women of the domiciled community who have a knowledge of the vernacular and who might be specially trained for the purpose.

SECONDARY EDUCATION.

19. The importance of secondary English and in particular of high school education is far-reaching. Secondary education of one grade or another is the basis of all professional or industrial training in India. The inferior output of secondary schools invades colleges and technical institutions and hinders the development of higher education. At the Allahabad Conference the directors of public instruction unanimously regarded the reform of secondary English schools as the most urgent of educational problems. The improvement of secondary English education has for some time occupied the attention of the Government of India and the local Governments and it is hoped in the near future to remedy many defects of the present system.

20. In the last nine years the number of secondary schools has increased from nearly 5,500 to over 6,500 and the number of scholars from 6,22,000 to 9,00,000. The policy of Government is to rely so far as possible on private enterprise in secondary education. This policy laid down in the despatch of 1854 was restated and amplified by the Education Commission of 1882, which while doubtful as to how far the process of withdrawal on the part of Government should be carried, agreed that whatever degree of withdrawal from the provision of education might be found advisable there should be no relaxation of indirect but efficient control by the state. The admixture of private management and state control was again emphasised in the resolution of 1904. To this policy the Government of India adhere. It is dictated not by any belief in the inherent superiority of private over state management but by preference for an established system, and above all by the necessity of concentrating the direct energies of the state and the bulk of its available resources upon the improvement and expansion of elementary education. The policy may be summarised as the encouragement of privately managed schools under suitable bodies, maintained in efficiency

the first of these is the fact that the
the second is the fact that the
the third is the fact that the
the fourth is the fact that the
the fifth is the fact that the
the sixth is the fact that the
the seventh is the fact that the
the eighth is the fact that the
the ninth is the fact that the
the tenth is the fact that the

the eleventh is the fact that the
the twelfth is the fact that the
the thirteenth is the fact that the
the fourteenth is the fact that the
the fifteenth is the fact that the
the sixteenth is the fact that the
the seventeenth is the fact that the
the eighteenth is the fact that the
the nineteenth is the fact that the
the twentieth is the fact that the

THE JOURNAL OF THE

the twenty-first is the fact that the
the twenty-second is the fact that the
the twenty-third is the fact that the
the twenty-fourth is the fact that the
the twenty-fifth is the fact that the
the twenty-sixth is the fact that the
the twenty-seventh is the fact that the
the twenty-eighth is the fact that the
the twenty-ninth is the fact that the
the thirtieth is the fact that the
the thirty-first is the fact that the
the thirty-second is the fact that the
the thirty-third is the fact that the
the thirty-fourth is the fact that the
the thirty-fifth is the fact that the
the thirty-sixth is the fact that the
the thirty-seventh is the fact that the
the thirty-eighth is the fact that the
the thirty-ninth is the fact that the
the fortieth is the fact that the
the forty-first is the fact that the
the forty-second is the fact that the
the forty-third is the fact that the
the forty-fourth is the fact that the
the forty-fifth is the fact that the
the forty-sixth is the fact that the
the forty-seventh is the fact that the
the forty-eighth is the fact that the
the forty-ninth is the fact that the
the fiftieth is the fact that the
the fifty-first is the fact that the
the fifty-second is the fact that the
the fifty-third is the fact that the
the fifty-fourth is the fact that the
the fifty-fifth is the fact that the
the fifty-sixth is the fact that the
the fifty-seventh is the fact that the
the fifty-eighth is the fact that the
the fifty-ninth is the fact that the
the sixtieth is the fact that the
the sixty-first is the fact that the
the sixty-second is the fact that the
the sixty-third is the fact that the
the sixty-fourth is the fact that the
the sixty-fifth is the fact that the
the sixty-sixth is the fact that the
the sixty-seventh is the fact that the
the sixty-eighth is the fact that the
the sixty-ninth is the fact that the
the seventieth is the fact that the
the seventy-first is the fact that the
the seventy-second is the fact that the
the seventy-third is the fact that the
the seventy-fourth is the fact that the
the seventy-fifth is the fact that the
the seventy-sixth is the fact that the
the seventy-seventh is the fact that the
the seventy-eighth is the fact that the
the seventy-ninth is the fact that the
the eightieth is the fact that the
the eighty-first is the fact that the
the eighty-second is the fact that the
the eighty-third is the fact that the
the eighty-fourth is the fact that the
the eighty-fifth is the fact that the
the eighty-sixth is the fact that the
the eighty-seventh is the fact that the
the eighty-eighth is the fact that the
the eighty-ninth is the fact that the
the ninetieth is the fact that the
the ninety-first is the fact that the
the ninety-second is the fact that the
the ninety-third is the fact that the
the ninety-fourth is the fact that the
the ninety-fifth is the fact that the
the ninety-sixth is the fact that the
the ninety-seventh is the fact that the
the ninety-eighth is the fact that the
the ninety-ninth is the fact that the
the hundredth is the fact that the

by Government inspection, recognition and control and by the aid of Government funds.

21. Some idea of the extension of private enterprise may be gained by the reflection that of 3,852 high and middle English schools only 286 are Government institutions. These figures, however cover many types of schools, the most efficient to the least efficient. Admirable schools have been and are maintained by missionaries and other bodies, but the underlying idea of the grant system, the subvention of local organised effort, has not always been maintained. Schools of a money-making type, ill-housed, ill-equipped and run on the cheapest lines have in certain cases gained recognition and eluded the control of inspection. Schools have sprung into existence in distinctive competition with neighbouring institutions. Physical health has been neglected and no provision has been made for suitable residential arrangements and playgrounds. Fee rates have been lowered, competition and laxity in transfer have destroyed discipline, teachers have been employed on rates of pay insufficient to attract men capable of instruction or controlling their pupils. Above all the grants-in-aid have, from want of funds, often been inadequate. No fewer than 360 high schools with 80,247 pupils are in receipt of no grant at all and are maintained at an average cost of less than half that of a Government school, mainly by fee-collection. Especially do these conditions prevail in the area covered by the old provinces of Bengal and Eastern Bengal and Assam—a result due, no doubt, to the rapid extension of English education beyond the ability of the local Governments to finance it. In Bengal and Eastern Bengal, the number of high schools is greater than in the rest of British India put together and the cost of their maintenance on public funds is proportionately less than a third of the cost prevailing in other provinces. A special inquiry showed that out of some 4,700 teachers in privately managed high schools in these areas about 4,200 were in receipt of less than Rs. 50 a month, some 3,300 of less than Rs. 30 a month, while many teachers of English and classical languages drew salaries that would not attract men to superior domestic service. The great variations in conditions in different parts of India point to the difficulty of making any but the most general statements about the result of private enterprise and the special measures that are needed to assist it to perform efficiently its work in the educational system.

SECONDARY EDUCATIONAL POLICY.

22. Subject to the necessities of variation in deference to local conditions the policy of the Government of India in regard to the secondary English schools is:—

- (1) To improve the few existing Government schools by (a) employing only graduate or trained teachers; (b) introducing a graded service for teachers of English with a minimum salary of Rs. 40 per month and a maximum salary of Rs. 400 per month; (c)

by Government inspection, recognition and control and by the aid of Government funds.

21. Some idea of the extension of private enterprise may be gained by the reflection that of 3,852 high and middle English schools only 286 are Government institutions. These figures, however cover many types of schools, the most efficient to the least efficient. Admirable schools have been and are maintained by missionaries and other bodies, but the underlying idea of the grant system, the subvention of local organised effort, has not always been maintained. Schools of a money-making type, ill-housed, ill-equipped and run on the cheapest lines have in certain cases gained recognition and eluded the control of inspection. Schools have sprung into existence in distinctive competition with neighbouring institutions. Physical health has been neglected and no provision has been made for suitable residential arrangements and play-fields. Fee rates have been lowered, competition and laxity in transfer have destroyed discipline, teachers have been employed on rates of pay insufficient to attract men capable of instruction or controlling their pupils. Above all the grants-in-aid have, from want of funds, often been inadequate. No fewer than 360 high schools with 80,247 pupils are in receipt of no grant at all and are maintained at an average cost of less than half that of a Government school, mainly by fee-collections. Especially do those conditions prevail in the area covered by the old provinces of Bengal and Eastern Bengal and Assam—a result due, no doubt, to the rapid extension of English education beyond the ability of the local Governments to finance it. In Bengal and Eastern Bengal, the number of high schools is greater than in the rest of British India put together and the cost of their maintenance on public funds is proportionately less than a third of the cost prevailing in other provinces. A special inquiry showed that out of some 4,700 teachers in privately managed high schools in these areas about 4,200 were in receipt of less than Rs. 50 a month, some 3,300 of less than Rs. 30 a month, while many teachers of English and classical languages drew salaries that would not attract men to superior domestic service. The great variations in conditions in different parts of India point to the difficulty of making any but the most general statements about the result of private enterprise and the special measures that are needed to assist it to perform efficiently its work in the educational system.

SECONDARY EDUCATIONAL POLICY.

22. Subject to the necessities of variation in deference to local conditions the policy of the Government of India in regard to the secondary English schools is:—

- (1) To improve the few existing Government schools by (a) employing only graduates or trained teachers; (b) introducing a graded service for teachers of English with a minimum salary of Rs. 40 per month and a maximum salary of Rs. 400 per month; (c)

providing proper hostel accommodation ; (d) introducing a school course complete in itself with a staff sufficient to teach what may be called the modern side with special attention to the development of a historical and a geographical sense ; (e) introducing manual training and improving science teaching ;

- (2) to increase largely the grants-in-aid in order that aided institutions may keep pace with the improvements in Government schools on the above-mentioned lines and to encourage the establishment of new aided institutions where necessary ;
- (3) to multiply and improve training colleges so that trained teachers may be available for public and private institutions ;
- (4) to found Government schools in such localities as may, on a survey of local conditions and with due regard to economy of educational effort and expense, be proved to require them.

GRANT-IN-AID RULES.

23. The Government of India also desire that the grant-in-aid rules should be made more elastic so as to enable each school which is recognised as necessary and conforms to the prescribed standards of management and efficiency to obtain the special assistance which it requires in order to attain the fullest measure of utility. As larger grants become available, and as the pay and the personnel of the teaching staff are improved it will be possible for the Inspecting Officer to concentrate his attention more and more upon the general quality of instruction. Full encouragement can then be given to improved and original methods of teaching in force, and gradually the grant-earning capacity of an institution will come to be judged on grounds of general efficiency and desert rather than by rigid rules of calculation.

REMODELLED SCHOOL COURSE.

24. The introduction of a school course complete in itself and of a modern and practical character, freed from the domination of the Matriculation examination, was recommended in the first instance by the Education Commission of 1882. In some provinces, and particularly in Madras, real progress has been made towards the accomplishment of this reform.

The figures for 1901-02 and 1910-11 are :—1901-2—School Final (candidates)—Madras and Coorg 194 ; Bombay 1162 ; Central Provinces 52 ; Matriculation (candidates)—Madras and Coorg 76,82 ; Bombay 37,81 ; United Provinces 1,704 ; Central Provinces 473 ; 1910-11—School Final (candidates) Madras and Coorg, 7,317 ; Bombay 1,360, United Provinces 946 ; Central Provinces 338 ; Matriculation (candidates)—Madras and Coorg 782, Bombay 3,766 ; United Provinces 2,206 ; Central Provinces 722. In other provinces the School Final examination has not yet been established except for special purposes. The total number of candidates in 1910-11 for the School Final examination or leaving certificate in all British Pro-

1. The first step in the process is to identify the problem.
2. The second step is to gather information about the problem.
3. The third step is to analyze the information and determine the cause of the problem.
4. The fourth step is to develop a plan to solve the problem.
5. The fifth step is to implement the plan and monitor the results.
6. The sixth step is to evaluate the results and determine if the problem has been solved.
7. The seventh step is to document the process and results.
8. The eighth step is to communicate the results to the appropriate parties.
9. The ninth step is to review the process and make any necessary adjustments.
10. The tenth step is to close the process and move on to the next problem.

The first step in the process is to identify the problem. This involves gathering information about the problem and determining the cause of the problem. The second step is to gather information about the problem. This involves gathering information about the problem and determining the cause of the problem. The third step is to analyze the information and determine the cause of the problem. The fourth step is to develop a plan to solve the problem. The fifth step is to implement the plan and monitor the results. The sixth step is to evaluate the results and determine if the problem has been solved. The seventh step is to document the process and results. The eighth step is to communicate the results to the appropriate parties. The ninth step is to review the process and make any necessary adjustments. The tenth step is to close the process and move on to the next problem.

APPENDIX A: THE PROCESS

The first step in the process is to identify the problem. This involves gathering information about the problem and determining the cause of the problem. The second step is to gather information about the problem. This involves gathering information about the problem and determining the cause of the problem. The third step is to analyze the information and determine the cause of the problem. The fourth step is to develop a plan to solve the problem. The fifth step is to implement the plan and monitor the results. The sixth step is to evaluate the results and determine if the problem has been solved. The seventh step is to document the process and results. The eighth step is to communicate the results to the appropriate parties. The ninth step is to review the process and make any necessary adjustments. The tenth step is to close the process and move on to the next problem.

providing proper hostel accommodation; (d) introducing a school course complete in itself with a staff sufficient to teach what may be called the modern side with special attention to the development of a historical and a geographical sense; (e) introducing manual training and improving science teaching;

- (2) to increase largely the grants-in-aid in order that aided institutions may keep pace with the improvements in Government schools on the above-mentioned lines and to encourage the establishment of new aided institutions where necessary;
- (3) to multiply and improve training colleges so that trained teachers may be available for public and private institutions;
- (4) to found Government schools in such localities as may, on a survey of local conditions and with due regard to economy of educational effort and expense, be proved to require them.

GRANT-IN-AID RULES.

23. The Government of India also desire that the grant-in-aid rules should be made more elastic so as to enable each school which is recognised as necessary and conforms to the prescribed standards of management and efficiency to obtain the special assistance which it requires in order to attain the fullest measure of utility. As larger grants become available, and as the pay and the personnel of the teaching staff are improved it will be possible for the Inspecting Officer to concentrate his attention more and more upon the general quality of instruction. Full encouragement can then be given to improved and original methods of teaching in force, and gradually the grant-earning capacity of an institution will come to be judged on grounds of general efficiency and desert rather than by rigid rules of calculation.

REMODELLED SCHOOL COURSE.

24. The introduction of a school course complete in itself and of a modern and practical character, freed from the domination of the Matriculation examination, was recommended in the first instance by the Education Commission of 1882. In some provinces, and particularly in Madras, real progress has been made towards the accomplishment of this reform.

The figures for 1901-02 and 1910-11 are:—1901-2—School Final (candidates)—Madras and Coorg 194; Bombay 1162; Central Provinces 52; Matriculation (candidates)—Madras and Coorg 76,82; Bombay 37,31; United Provinces 1,704; Central Provinces 473; 1910-11—School Final (candidates) Madras and Coorg, 7,317; Bombay 1,360, United Provinces 946; Central Provinces 338; Matriculation (candidates)—Madras and Coorg 782, Bombay 3,766; United Provinces 2,206; Central Provinces 722. In other provinces the School Final examination has not yet been established except for special purposes. The total number of candidates in 1910-11 for the School Final examination or leaving certificate in all British Pro-

vinces was 10,161; that of candidates for Matriculation was 16,952; secondary English school leaving certificate 25.

EXAMINATIONS.

25. The principal objects of the school examination are adaptability to the courses of study and avoidance of cram. In those Provinces in which a school final examination or school leaving certificate has not been introduced the Government of India desires that it should be introduced as soon as practicable. They suggest for the consideration of Local Governments and Administrations further development of the system in regard to the character of the tests by which certificates are granted at the end of the school course. Before proceeding further, however, they are to state and emphasise the three principles laid down by the Indian Universities Commission in paragraph 170 of their report :—

(1) The conduct of a school final or other school examination should be regarded as altogether outside the functions of a university.

(2) It would be of great benefit to the Universities if the Government would direct that the Matriculation examination should not be accepted as a preliminary or full test for any post in Government service. In cases where the Matriculation qualifies for admission to a professional examination the School Final examination should be substituted for it.

(3) It would be advantageous if the School Final examination could, in the cases of those boys who propose to follow a university career, be made a sufficient test of fitness to enter the University. Failing this, the best arrangement would appear to be that the matriculation candidate should pass in certain subjects in the School Final examination and be examined by the University with regard to any further requirements that may be deemed necessary.

EXTERNAL EXAMINATIONS.

26. The value of external examination cannot be overlooked. It sets before the teacher a definite aim and it maintains a standard, but the definite aim often unduly overshadows instruction, and the standard is necessarily narrow and, in view of the large numbers that have to be examined, must confine itself to mere examination achievement without regard to mental development or general growth of character. On the other hand the draw-backs of external examinations are becoming more generally apparent, and attention was prominently drawn to them in the report of the Consultative Committee on examinations in secondary schools in England. They fail especially in India in that they eliminate the inspecting and teaching staff as factors in the system; that they impose all responsibility upon a body acquainted but little (if at all) with the school examined; that they rely upon written papers which afford no searching test of intellect, and no test at all of character or general ability and that they encourage cram.

COMBINATION REQUIRED.

27. A combination of external and internal examinations is required.

vinces was 10,161; that of candidates for Matriculation was 16,952; secondary English school leaving certificate 25.

EXAMINATIONS.

25. The principal objects of the school examination are adaptability to the courses of study and avoidance of cram. In those Provinces in which a school final examination or school leaving certificate has not been introduced the Government of India desires that it should be introduced as soon as practicable. They suggest for the consideration of Local Governments and Administrations further development of the system in regard to the character of the tests by which certificates are granted at the end of the school course. Before proceeding further, however, they are to state and emphasise the three principles laid down by the Indian Universities Commission in paragraph 170 of their report :—

(1) The conduct of a school final or other school examination should be regarded as altogether outside the functions of a university.

(2) It would be of great benefit to the Universities if the Government would direct that the Matriculation examination should not be accepted as a preliminary or full test for any post in Government service. In cases where the Matriculation qualifies for admission to a professional examination the School Final examination should be substituted for it.

(3) It would be advantageous if the School Final examination could, in the cases of those boys who propose to follow a university career, be made a sufficient test of fitness to enter the University. Failing this, the best arrangement would appear to be that the matriculation candidate should pass in certain subjects in the School Final examination and be examined by the University with regard to any further requirements that may be deemed necessary.

EXTERNAL EXAMINATIONS.

26. The value of external examination cannot be overlooked. It sets before the teacher a definite aim and it maintains a standard, but the definite aim often unduly overshadows instruction, and the standard is necessarily narrow and, in view of the large numbers that have to be examined, must confine itself to mere examination achievement without regard to mental development or general growth of character. On the other hand the drawbacks of external examinations are becoming more generally apparent, and attention was prominently drawn to them in the report of the Consultative Committee on examinations in secondary schools in England. They fail especially in India in that they eliminate the inspecting and teaching staff as factors in the system; that they impose all responsibility upon a body acquainted but little (if at all) with the school examined; that they rely upon written papers which afford no searching test of intellect, and no test at all of character or general ability and that they encourage cram.

COMBINATION REQUIRED.

27. A combination of external and internal examinations is required.

...

...

...

...

...

...

The Government of India consider that in the case of a school recognized as qualified to present candidates for a school-leaving certificate a record, should be kept of the progress and conduct of each pupil in the highest classes of the schools and that the Inspector should enter his remarks upon these records at his visits and thus obtain some acquaintance with the career of each candidate during the two or three years before examination. These records, together with the marks obtained by pupils at school tests, would be valuable and would not only supplement a test conducted partly through written papers on the more important subjects of instruction but also orally; and with regard to the pupil's past career the oral examination would be conducted by the Inspector in consultation with members of the staff. A large increase in the superior Inspecting Staff would be required to work a system of this kind, and safe guards would be necessary to protect teachers from undue influences.

The Government of India are prepared to assist with such grants as they may be able to afford the introduction of any such system which may be locally practicable.

The school-leaving certificate systems of Madras and the United Provinces fulfil many of the requirements of the reform in view, but their present characteristics may not be found altogether suitable in other areas. Some such system, however, as has been sketched above adapted to local conditions, would, it is believed, be most beneficial and do more than anything else to foster a system under which scholars would be taught to think for themselves instead of being made to memorise for examination purposes. Next to the improvement of the pay and prospects of teachers which must accompany and even precede its introduction, this is, perhaps, the most important reform required in secondary English education.

TECHNICAL EDUCATION.

28. No branch of education at present invokes greater public interest than technical and industrial education. Considerable progress has been made since 1904. Existing educational institutions have been overhauled and equipped for new courses. Scholarships tenable in Europe and America have been established. Thanks to the generosity of the Tata family seconded by liberal financial aid from the Government of India and His Highness the Maharaja of Mysore an Indian Institute of Science, designed upon a large scale, has been established at Bangalore. It was thrown open to pupils in 1911. The establishment of a Technological Institute at Cawnpore for the chemistry of sugar manufacture and leather, for textiles, and for acids and alkalis, has been sanctioned. Industrial schools have been opened in several provinces. Altogether the number of technical and industrial schools has risen since 1904 from 88 to 218, and the number of pupils from 5,072 to 10,535.

29. The system of technical scholarships tenable abroad is still on trial, and a committee is examining the whole question in England. It is

The book is a collection of essays, some of which are written by the author, and some by other scholars. The essays are arranged in a chronological order, starting from the early 19th century and ending with the present day. The author's essays are written in a clear and concise style, and they provide a good overview of the subject. The other scholars' essays are also well written, and they provide a more detailed and in-depth analysis of the subject. The book is a good read for anyone interested in the history of the United States, and it is a valuable resource for scholars and students alike.

The book is a collection of essays, some of which are written by the author, and some by other scholars. The essays are arranged in a chronological order, starting from the early 19th century and ending with the present day. The author's essays are written in a clear and concise style, and they provide a good overview of the subject. The other scholars' essays are also well written, and they provide a more detailed and in-depth analysis of the subject. The book is a good read for anyone interested in the history of the United States, and it is a valuable resource for scholars and students alike.

The book is a collection of essays, some of which are written by the author, and some by other scholars. The essays are arranged in a chronological order, starting from the early 19th century and ending with the present day. The author's essays are written in a clear and concise style, and they provide a good overview of the subject. The other scholars' essays are also well written, and they provide a more detailed and in-depth analysis of the subject. The book is a good read for anyone interested in the history of the United States, and it is a valuable resource for scholars and students alike.

The book is a collection of essays, some of which are written by the author, and some by other scholars. The essays are arranged in a chronological order, starting from the early 19th century and ending with the present day. The author's essays are written in a clear and concise style, and they provide a good overview of the subject. The other scholars' essays are also well written, and they provide a more detailed and in-depth analysis of the subject. The book is a good read for anyone interested in the history of the United States, and it is a valuable resource for scholars and students alike.

The Government of India consider that in the case of a school recognized as qualified to present candidates for a school-leaving certificate a record, should be kept of the progress and conduct of each pupil in the highest classes of the schools and that the Inspector should enter his remarks upon these records at his visits and thus obtain some acquaintance with the career of each candidate during the two or three years before examination. These records, together with the marks obtained by pupils at school tests, would be valuable and would not only supplement a test conducted partly through written papers on the more important subjects of instruction but also orally; and with regard to the pupil's past career the oral examination would be conducted by the Inspector in consultation with members of the staff. A large increase in the superior Inspecting Staff would be required to work a system of this kind, and safe guards would be necessary to protect teachers from undue influences.

The Government of India are prepared to assist with such grants as they may be able to afford the introduction of any such system which may be locally practicable.

The school-leaving certificate systems of Madras and the United Provinces fulfil many of the requirements of the reform in view, but their present characteristics may not be found altogether suitable in other areas. Some such system, however, as has been sketched above adapted to local conditions, would, it is believed, be most beneficial and do more than anything else to foster a system under which scholars would be taught to think for themselves instead of being made to memorise for examination purposes. Next to the improvement of the pay and prospects of teachers which must accompany and even precede its introduction, this is, perhaps, the most important reform required in secondary English education.

TECHNICAL EDUCATION.

28. No branch of education at present invokes greater public interest than technical and industrial education. Considerable progress has been made since 1904. Existing educational institutions have been overhauled and equipped for new courses. Scholarships tenable in Europe and America have been established. Thanks to the generosity of the Tata family seconded by liberal financial aid from the Government of India and His Highness the Maharaja of Mysore an Indian Institute of Science, designed upon a large scale, has been established at Bangalore. It was thrown open to pupils in 1911. The establishment of a Technological Institute at Cawnpore for the chemistry of sugar manufacture and leather, for textiles, and for acids and alkalis, has been sanctioned. Industrial schools have been opened in several provinces. Altogether the number of technical and industrial schools has risen since 1904 from 88 to 218, and the number of pupils from 5,072 to 10,535.

29. The system of technical scholarships tenable abroad is still on trial, and a committee is examining the whole question in England. It is

not always easy to arrange suitable courses of study, and study abroad puts the pupils at a disadvantage in removing them from the environment of Indian trade conditions. From the information available, it appears that, of 73 scholars sent abroad, 36 have not returned to India while 18 are at present industrially employed in India.

30. The policy to be pursued in regard to technical and industrial education was discussed at the Allahabad Conference. The Government of India accept the conclusions of that Conference that; progress should continue along the lines generally followed hitherto, viz., that—

(1) The Indian Institute of Science which provides for research, the application of new processes, and the production of thoroughly trained managers, should be developed as opportunity offers and become eventually a complete faculty of pure and applied science.

(2) The larger Provincial Institutions which attract students from different parts of India and afford instruction in practical methods of management and supervision should, in the first instance, specialise along lines converging on local industries—a plan which will prevent overlapping and make for economy. Subsequently as industries arise and the demand for managers and foremen increases, other and more varied courses may be found necessary.

(3) The lesser industrial schools, minor weaving institutions, such of the schools of art as have an industrial bent, the artisan classes in Bengal and trade schools generally, should be permanently directed toward such industries as exist in the localities where the institutions are situated.

31. The question has arisen as to how far educational institutions should develop on commercial lines. It has been shown that while in no case should schools trade on commercial lines, in certain cases instruction in industrial schools may be supplemented by practical training in workshops where the application of new processes needs to be demonstrated. In certain cases also it will be necessary to purchase and maintain experimental plant for demonstrating the advantages of new machinery or new processes and for ascertaining the data of production.

32. Quite recently Lieutenant-Colonel E. H. Atkinson, R. E., Principal of the Thomson College, Roorkee, and Mr. T. S. Dawson, Principal of Victoria Jubilee Technical Institute, Bombay, were deputed to enquire how technical instruction can be brought into closer touch and more practical relations with the employers of labour in India. Their report contains many suggestions which are under consideration and emphasises the necessity of studying the demand for technically-trained men, of attracting Indian capital to industrial enterprise, and of supplementing tuition at College by a period of apprenticeship. It also indicates that while the field of employment or occupation in the highest grades is at present limited, the outlook for Indians is generally hopeful, provided the necessity for preliminary practical training is fully realised.

not always easy to arrange suitable courses of study, and study abroad puts the pupils at a disadvantage in removing them from the environment of Indian trade conditions. From the information available, it appears that, of 73 scholars sent abroad, 36 have not returned to India while 18 are at present industrially employed in India.

30. The policy to be pursued in regard to technical and industrial education was discussed at the Allahabad Conference. The Government of India accept the conclusions of that Conference that progress should continue along the lines generally followed hitherto, viz., that—

(1) The Indian Institute of Science which provides for research, the application of new processes, and the production of thoroughly trained managers, should be developed as opportunity offers and become eventually a complete faculty of pure and applied science.

(2) The larger Provincial Institutions which attract students from different parts of India and afford instruction in practical methods of management and supervision should, in the first instance, specialise along lines converging on local industries—a plan which will prevent overlapping and make for economy. Subsequently as industries arise and the demand for managers and foremen increases, other and more varied courses may be found necessary.

(3) The lesser industrial schools, minor weaving institutions, such as the schools of art as have an industrial bent, the artisan classes in Bengal and trade schools generally, should be permanently directed toward such industries as exist in the localities where the institutions are situated.

31. The question has arisen as to how far educational institutions should develop on commercial lines. It has been shown that while in no case should schools trade on commercial lines, in certain cases instruction in industrial schools may be supplemented by practical training in workshops where the application of new processes needs to be demonstrated. In certain cases also it will be necessary to purchase and maintain experimental plant for demonstrating the advantages of new machinery or new processes and for ascertaining the data of production.

32. Quite recently Lieutenant-Colonel E. H. Atkinson, R. E., Principal of the Thomson College, Roorkee, and Mr. T. S. Dawson, Principal of Victoria Jubilee Technical Institute, Bombay, were deputed to enquire how technical instruction can be brought into closer touch and more practical relations with the employers of labour in India. Their report contains many suggestions which are under consideration and emphasises the necessity of studying the demand for technically-trained men, of attracting Indian capital to industrial enterprise, and of supplementing tuition at College by a period of apprenticeship. It also indicates that while the field of employment or occupation in the highest grades is at present limited, the outlook for Indians is generally hopeful, provided the necessity for preliminary practical training is fully realised.

The American Medical Association has been a strong advocate of the principle of self-determination of the individual. It has been a strong advocate of the principle of the right of the individual to choose his own physician. It has been a strong advocate of the principle of the right of the individual to refuse medical treatment.

The American Medical Association has been a strong advocate of the principle of the right of the individual to choose his own physician. It has been a strong advocate of the principle of the right of the individual to refuse medical treatment.

The American Medical Association has been a strong advocate of the principle of the right of the individual to choose his own physician. It has been a strong advocate of the principle of the right of the individual to refuse medical treatment.

The American Medical Association has been a strong advocate of the principle of the right of the individual to choose his own physician. It has been a strong advocate of the principle of the right of the individual to refuse medical treatment.

The American Medical Association has been a strong advocate of the principle of the right of the individual to choose his own physician. It has been a strong advocate of the principle of the right of the individual to refuse medical treatment.

The American Medical Association has been a strong advocate of the principle of the right of the individual to choose his own physician. It has been a strong advocate of the principle of the right of the individual to refuse medical treatment.

The American Medical Association has been a strong advocate of the principle of the right of the individual to choose his own physician. It has been a strong advocate of the principle of the right of the individual to refuse medical treatment.

SCHOOLS OF ART.

33. There are four Government schools of Art in India with some 1,300 pupils, of which two are mainly industrial schools or schools of design. Interesting developments are the rise at the Calcutta institution of a new school of Indian painting which combines Indian treatment of subjects with Western technique and the foundation of an architectural branch in the institution at Bombay. But much remains to be done in connection with indigenous art industries. The matter requires careful expert consideration. The Government of India will address the local Governments on the subject and for the present content themselves with advocating the importance and urgency of preserving for and in India scientifically arranged collections of the products of its ancient and modern arts and crafts. The understanding and appreciation of eastern art work in Europe and America is draining good specimens in an increasing volume, into the public collections of those continents.

MUSEUMS.

34. The relation of museums to the educational system of India was discussed at the Conference held at Simla in July, 1911. Much valuable work has been done by the zoological and geological sections of the Indian Museum at Calcutta which are now equipped on modern lines. The archaeological section of the same museum has recently been reorganised under the direction of Mr. Marshall, Director General of Archaeology. In provinces outside Bengal also there has been good progress in the right direction but in the case of most local museums there is need for better equipment and a stronger staff. One of the most urgent needs in India is an ethnographic museum under scientific management designed to illustrate Indian civilisation in its varied phases; otherwise students in the future will be compelled to visit the museums of Paris, Berlin, Munich and other places in order to study the subjects which should clearly be studied best on the Indian soil. The Government of India will consult expert opinion on the subject. As at present advised they are inclined to favour the formation of a museum of Indian arts and ethnography at Delhi. Their accepted policy, though some overlapping is inevitable, is to develop local museums with special regard to local interest and to concentrate on matters of general interest in the imperial museums. How to make the museums more useful educationally and secure greater co-operation between the museum authorities and educational authorities is a matter on which they have addressed the local Governments.

AGRICULTURAL EDUCATION.

35. The present scheme of agricultural education originated under Lord Curzon's Government and is, in fact, only seven years old. Previous to the year 1905 there was no central institution for research or teaching and such education as was then imparted in agriculture was represented by two colleges and three schools in a more or less decadent condition. Very few Indians then had any knowledge of science in its application to agri-

SCHOOLS OF ART.

33. There are four Government schools of Art in India with some 1,300 pupils, of which two are mainly industrial schools or schools of design. Interesting developments are the rise at the Calcutta institution of a new school of Indian painting which combines Indian treatment of subjects with Western technique and the foundation of an architectural branch in the institution at Bombay. But much remains to be done in connection with indigenous art industries. The matter requires careful expert consideration. The Government of India will address the local Governments on the subject and for the present content themselves with advocating the importance and urgency of preserving for and in India scientifically arranged collections of the products of its ancient and modern arts and crafts. The understanding and appreciation of eastern art work in Europe and America is draining good specimens in an increasing volume, into the public collections of those continents.

MUSEUMS.

34. The relation of museums to the educational system of India was discussed at the Conference held at Simla in July, 1911. Much valuable work has been done by the zoological and geological sections of the Indian Museum at Calcutta which are now equipped on modern lines. The archaeological section of the same museum has recently been reorganised under the direction of Mr. Marshall, Director General of Archaeology. In provinces outside Bengal also there has been good progress in the right direction but in the case of most local museums there is need for better equipment and a stronger staff. One of the most urgent needs in India is an ethnographic museum under scientific management designed to illustrate Indian civilisation in its varied phases; otherwise students in the future will be compelled to visit the museums of Paris, Berlin, Munich and other places in order to study the subjects which should clearly be studied best on the Indian soil. The Government of India will consult expert opinion on the subject. As at present advised they are inclined to favour the formation of a museum of Indian arts and ethnography at Delhi. Their accepted policy, though some overlapping is inevitable, is to develop local museums with special regard to local interest and to concentrate on matters of general interest in the imperial museums. How to make the museums more useful educationally and secure greater co-operation between the museum authorities and educational authorities is a matter on which they have addressed the local Governments.

AGRICULTURAL EDUCATION.

35. The present scheme of agricultural education originated under Lord Curzon's Government and is, in fact, only seven years old. Previous to the year 1905 there was no central institution for research or teaching and such education as was then imparted in agriculture was represented by two colleges and three schools in a more or less decadent condition. Very few Indians then had any knowledge of science in its application to agri-

culture and still fewer were capable of imparting such knowledge to others. In the year 1905 a comprehensive scheme was evolved under which arrangements were made both for the practical development of agriculture by Government assistance and also for teaching and research in agriculture and subjects connected with it. A central institution for research and higher education was established at Pusa. The existing schools and colleges were reconstituted, improved and added to. Farms for experiments and demonstrations were started, and as time went on a change was effected in regard to agricultural education in its earlier stages. As now constituted the scheme of agricultural education has three main features, *viz.* (a) the provision of first class opportunities for the higher forms of teaching and research; (b) collegiate education and (c) the improvement of secondary and primary education.

36. The Institute at Pusa maintained at a cost of Rs. 4 lakhs a year has 37 Europeans and Indians on its staff engaged partly in research and partly in post-graduate education, and the instruction through short courses, of students or agriculturists in subjects which are not regularly treated in provincial institutions. There are now six provincial institutions containing over 300 students and costing annually between five and six lakhs of rupees. Practical classes for agriculturists have also been established at various centres in several provinces. In the ordinary elementary schools formal agriculture is not taught, but in some provinces a markedly agricultural colour is given to the general scheme of education.

FOREST COLLEGE.

37. The college at Dehra Dun has recently been improved and a research institution has been established in connection with it. Indians can here obtain training in forestry which approximates to that ordinarily obtained in Europe.

VETERINARY EDUCATION.

38. Veterinary research is carried on at the Bacteriological Laboratory at Muktesar. The scheme of veterinary colleges has been thoroughly reorganised since 1904. There are now four such institutions with 511 students as well as a school at Rangoon. These institutions meet fairly well the growing demand for trained men.

MEDICAL INSTRUCTION.

39. Instruction in the western system of medicine is imparted in five recognised colleges and fifteen recognised schools in British India. These now annually produce between six and seven hundred qualified medical practitioners. A Medical Registration Act has recently been passed for the presidency of Bombay under which passed students of such schools are entitled to become registered, and a similar Act is now under consideration in the presidency of Bengal. In Calcutta there are four self-constituted medical schools, the diplomas of which are not recognised by the Government of India. Among the recent developments may be mentioned the

[illegible][illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. *Journal of the American Medical Association*, 2000; 283: 2686-2692.

[illegible]

culture and still fewer were capable of imparting such knowledge to others. In the year 1905 a comprehensive scheme was evolved under which arrangements were made both for the practical development of agriculture by Government assistance and also for teaching and research in agriculture and subjects connected with it. A central institution for research and higher education was established at Pusa. The existing schools and colleges were reconstituted, improved and added to. Farms for experiments and demonstrations were started, and as time went on a change was effected in regard to agricultural education in its earlier stages. As now constituted the scheme of agricultural education has three main features, *viz.* (a) the provision of first class opportunities for the higher forms of teaching and research; (b) collegiate education and (c) the improvement of secondary and primary education.

36. The Institute at Pusa maintained at a cost of Rs. 4 lakhs a year has 37 Europeans and Indians on its staff engaged partly in research and partly in post-graduate education, and the instruction through short courses, of students or agriculturists in subjects which are not regularly treated in provincial institutions. There are now six provincial institutions containing over 300 students and costing annually between five and six lakhs of rupees. Practical classes for agriculturists have also been established at various centres in several provinces. In the ordinary elementary schools formal agriculture is not taught, but in some provinces a markedly agricultural colour is given to the general scheme of education.

FOREST COLLEGE.

37. The college at Dehra Dun has recently been improved and a research institution has been established in connection with it. Indians can here obtain training in forestry which approximates to that ordinarily obtained in Europe.

VETERINARY EDUCATION.

38. Veterinary research is carried on at the Bacteriological Laboratory at Muktesar. The scheme of veterinary colleges has been thoroughly reorganised since 1904. There are now four such institutions with 511 students as well as a school at Rangoon. These institutions meet fairly well the growing demand for trained men.

MEDICAL INSTRUCTION.

39. Instruction in the western system of medicine is imparted in five recognised colleges and fifteen recognised schools in British India. These now annually produce between six and seven hundred qualified medical practitioners. A Medical Registration Act has recently been passed for the presidency of Bombay under which passed students of such schools are entitled to become registered, and a similar Act is now under consideration in the presidency of Bengal. In Calcutta there are four self-constituted medical schools, the diplomas of which are not recognised by the Government of India. Among the recent developments may be mentioned the

establishment of an X-Ray Institute at Dehra Dun and the formation of post-graduate classes in connection with the Central Research Institute of Kasauli. These latter include training in bacteriology and technique and preparation for special research. Classes of practical instruction in malarial technique are also held twice a year at Amritsar under the officer in charge of the malarial bureau.

40. Other projects are engaging the attention of the Government of India including the institution of a post-graduate course of tropical medicine. The practical want of such a course has long been felt, and the Government of India are now in communication with the Secretary of State regarding its establishment in the Medical College at Calcutta. The Calcutta University have expressed their willingness to co-operate by instituting a diploma to be open to graduates who have taken the course in tropical medicine. A scheme for a similar course in Bombay is also under consideration. The Government of Madras have submitted a scheme for the construction of a pathological institute and the appointment of a whole-time professor of pathology with a view to improve the teaching of that subject at the Madras Medical College. Other matters which are likely to come to the front at no distant date are the improvement of the Medical College at Lahore and its separation from the school, the improvement of the Dacca Medical School and the provision of facilities for medical training in the Central Provinces.

41. The subject of medical education is one in which the Government of India are deeply interested. It is also one that may be expected to appeal with special force to private generosity. A problem of particular importance is the inducement of ladies of better classes to take employment in the medical profession and thus minister to the needs of the women whom the *parda* system still deters from seeking timely medical assistance. One of the hindrances hitherto has been that Indian ladies are able to obtain instruction only in men's colleges or in mixed classes. With a view to the remedying of this defect and commemorating the visit of the Queen-Empress to Delhi certain of the Princes and wealthy landowners in India have now come forward with generous subscriptions in response to an appeal by Her Excellency Lady Hardinge, who has decided to merge in this project her scheme for a school for training Indian nurses and midwives. Government of India are considering proposals to found a women's medical college and nurses training school at Delhi with the help of a subscription from the Government. Proposals are also under consideration for assisting the National Association for Supplying Female Medical Aid to the women of India and to improve the position of the staff of the Countess of Dufferin fund.

LEGAL EDUCATION.

42. There has been a marked development of legal education in the last decade. First, it has been concentrated. In 1901 there were 35 in-

the first of these is the fact that the majority of the specimens are from the same locality, and the second is the fact that the majority of the specimens are from the same individual. The third is the fact that the majority of the specimens are from the same individual.

The first of these is the fact that the majority of the specimens are from the same locality, and the second is the fact that the majority of the specimens are from the same individual. The third is the fact that the majority of the specimens are from the same individual. The first of these is the fact that the majority of the specimens are from the same locality, and the second is the fact that the majority of the specimens are from the same individual. The third is the fact that the majority of the specimens are from the same individual.

The first of these is the fact that the majority of the specimens are from the same locality, and the second is the fact that the majority of the specimens are from the same individual. The third is the fact that the majority of the specimens are from the same individual. The first of these is the fact that the majority of the specimens are from the same locality, and the second is the fact that the majority of the specimens are from the same individual. The third is the fact that the majority of the specimens are from the same individual.

THE JOURNAL OF THE

ROYAL ANTHROPOLOGICAL INSTITUTE

establishment of an X-Ray Institute at Dehra Dun and the formation of post-graduate classes in connection with the Central Research Institute of Kasauli. These latter include training in bacteriology and technique and preparation for special research. Classes of practical instruction in malarial technique are also held twice a year at Amritsar under the officer in charge of the malarial bureau.

40. Other projects are engaging the attention of the Government of India including the institution of a post-graduate course of tropical medicine. The practical want of such a course has long been felt, and the Government of India are now in communication with the Secretary of State regarding its establishment in the Medical Colleges at Calcutta. The Calcutta University have expressed their willingness to co-operate by instituting a diploma to be open to graduates who have taken the course in tropical medicine. A scheme for a similar course in Bombay is also under consideration. The Government of Madras have submitted a scheme for the construction of a pathological institute and the appointment of a whole-time professor of pathology with a view to improve the teaching of that subject at the Madras Medical College. Other matters which are likely to come to the front at no distant date are the improvement of the Medical College at Lahore and its separation from the school, the improvement of the Dacca Medical School and the provision of facilities for medical training in the Central Provinces.

41. The subject of medical education is one in which the Government of India are deeply interested. It is also one that may be expected to appeal with special force to private generosity. A problem of particular importance is the inducement of ladies of better classes to take employment in the medical profession and thus minister to the needs of the women whom the *parda* system still deters from seeking timely medical assistance. One of the hindrances hitherto has been that Indian ladies are able to obtain instruction only in men's colleges or in mixed classes. With a view to the remedying of this defect and commemorating the visit of the Queen-Empress to Delhi certain of the Princes and wealthy landowners in India have now come forward with generous subscriptions in response to an appeal by Her Excellency Lady Hardings, who has decided to merge in this project her scheme for a school for training Indian nurses and midwives. Government of India are considering proposals to found a women's medical college and nurses training school at Delhi with the help of a subscription from the Government. Proposals are also under consideration for assisting the National Association for Supplying Female Medical Aid to the women of India and to improve the position of the staff of the Countess of Dufferin fund.

LEGAL EDUCATION.

42. There has been a marked development of legal education in the last decade. First, it has been concentrated. In 1901 there were 35 in-

stitutions—college classes and schools—containing 2,800 students. At the present time there are 72 institutions with a slightly larger number of students. The Madras and Bombay presidencies, Burma and the Central Provinces each possess a single institution and in Bengal the instruction for the degree of Bachelor of Law has been restricted to certain colleges, although other institutions are still recognised for the pleadership examination. A law college has been established on a liberal scale under the University of Calcutta. This concentration has resulted in greater efficiency and greater expenditure. In 1901, the cost to Government was a little over Rs. 7,000 and the total cost was 1½ lakhs. At present the cost to Government is over Rs. 45,000 and the total cost over Rs. 2,83,000. Secondly, the courses have been remodelled, and in some cases lengthened. The Government of India will be glad to see an extension of the policy of concentration and improvement. They also desire to see suitable arrangements made for the residence and guidance of law students.

COMMERCIAL EDUCATION.

43. There has recently been a considerable expansion in commercial education. Nine years ago there were ten colleges with less than 600 students and Government spent less than Rs. 4,000 upon these institutions. At the present time there are 26 institutions, three of which are under the management of Government. The enrolment is now over 1,500 and the expenditure from provincial funds is over Rs. 22,000. The standard attained in the majority of these institutions is not however high and the instruction given in them prepares for clerical duties in Government offices rather than for the conduct of business itself. A project for a commercial college of a more advanced type in Bombay has been sanctioned and the Government of India are considering the question of making arrangements for organised study of the economic and allied sociological problems of India.

UNIVERSITY EDUCATION.

44. Good work which the Government of India desire to acknowledge has been done under conditions of difficulty by the Indian Universities and by common consent the Universities Act of 1904 has had beneficial results. But the condition of University education is till far from satisfactory in regard to residential arrangements, control, the courses of study, and the system of examination. The Government of India have accordingly again reviewed the whole question of University education.

45. It is important to distinguish clearly on the one hand the federal university in the strict sense in which several colleges of approximately equal standing separated by no excessive distance or marked local individuality are grouped together as a university, and on the other hand the affiliating university of the Indian type which in its inception was merely an examining body; and although limited as regards the area of its operations by the Act of 1904, it has not been able to insist upon an identity of standard

stitutions—college classes and schools—containing 2,800 students. At the present time there are 72 institutions with a slightly larger number of students. The Madras and Bombay presidencies, Burma and the Central Provinces each possess a single institution and in Bengal the instruction for the degree of Bachelor of Law has been restricted to certain colleges, although other institutions are still recognised for the pleadership examination. A law college has been established on a liberal scale under the University of Calcutta. This concentration has resulted in greater efficiency and greater expenditure. In 1901, the cost to Government was a little over Rs. 7,000 and the total cost was 1½ lakhs. At present the cost to Government is over Rs. 45,000 and the total cost over Rs. 2,83,000. Secondly, the courses have been remodelled, and in some cases lengthened. The Government of India will be glad to see an extension of the policy of concentration and improvement. They also desire to see suitable arrangements made for the residence and guidance of law students.

COMMERCIAL EDUCATION.

43. There has recently been a considerable expansion in commercial education. Nine years ago there were ten colleges with less than 600 students and Government spent less than Rs. 4,000 upon these institutions. At the present time there are 26 institutions, three of which are under the management of Government. The enrolment is now over 1,500 and the expenditure from provincial funds is over Rs. 22,000. The standard attained in the majority of these institutions is not however high and the instruction given in them prepares for clerical duties in Government offices rather than for the conduct of business itself. A project for a commercial college of a more advanced type in Bombay has been sanctioned and the Government of India are considering the question of making arrangements for organised study of the economic and allied sociological problems of India.

UNIVERSITY EDUCATION.

44. Good work which the Government of India desire to acknowledge has been done under conditions of difficulty by the Indian Universities and by common consent the Universities Act of 1904 has had beneficial results. But the condition of University education is till far from satisfactory in regard to residential arrangements, control, the courses of study, and the system of examination. The Government of India have accordingly again reviewed the whole question of University education.

45. It is important to distinguish clearly on the one hand the federal university in the strict sense in which several colleges of approximately equal standing separated by no excessive distance or marked local individuality are grouped together as a university, and on the other hand the affiliating university of the Indian type which in its inception was merely an examining body; and although limited as regards the area of its operations by the Act of 1904, it has not been able to insist upon an identity of standard

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The table includes the coefficient estimates, standard errors, t-statistics, and p-values for each variable.

| Variable | Coefficient | Standard Error | t-statistic | p-value |
|--|-------------|----------------|-------------|---------|
| Age of the head of household | 0.001 | 0.001 | 1.2 | 0.23 |
| Gender of the head of household (Male = 1, Female = 0) | -0.05 | 0.02 | -2.5 | 0.01 |
| Constant | 1.5 | 0.1 | 15.0 | <0.001 |

The results indicate that the age of the head of household has a very small positive effect on the number of children in the household, while the gender of the head of household has a small negative effect. The constant term is significantly positive, indicating that the average number of children in the household is approximately 1.5.

The first of these is the fact that the
 Journal of the American Medical Association
 has been the most influential of the
 medical journals in the United States
 since its founding in 1882. It has
 been the most widely read and
 the most influential of the medical
 journals in the United States since
 its founding in 1882. It has been
 the most widely read and the most
 influential of the medical journals
 in the United States since its
 founding in 1882.

[illegible]

in the various institutions conjoined to it. The former of these types has in the past enjoyed some popularity in the United Kingdom, but after experience it has been largely abandoned there, and the constituent colleges which were grouped together have for the most part become separate teaching universities without power of combination with other institutions at a distance. At present there are only five Indian Universities for arts and professional colleges in British India, besides several institutions in Native States. The day is probably far distant when India will be able to dispense altogether with the affiliating university. But it is necessary to restrict the area over which the affiliating universities have control, by securing in the first instance a separate university for each of the leading provinces in India; and, secondly, to create new local teaching and residential universities within each of the provinces in harmony with the best modern opinion as to the right road to educational efficiency. The Government of India have decided to found a teaching and residential university at Dacca, and they are prepared to sanction, under certain conditions, the establishment of similar universities at Aligarh and Benares and elsewhere as occasion may demand. They also contemplate the establishment of universities at Rangoon, Patna, and Nagpur. It may be possible hereafter to sanction the conversion into local teaching universities with power to confer degrees upon their own students of those colleges which have shown the capacity to attract students from a distance and have attained the requisite standard of efficiency. Only by experiment will it be found out what type or types of universities are best suited to the different parts of India.

DEVELOPMENT OF TEACHING FACULTIES.

46. Simultaneously the Government of India desire to see teaching faculties developed at the seats of the existing universities, and corporate life encouraged in order to promote higher study and create an atmosphere from which students will imbibe good social, moral and intellectual influences. They have already given grants and hope to give further grants hereafter to these ends. They trust that each University will soon build up a worthy university library suitably housed, and that higher studies in India will soon enjoy all the external conveniences of such work in the West.

47. In order to free the universities for higher work and more efficient control of colleges, the Government of India are disposed to think it desirable (in provinces where this is not already the case) to place the preliminary recognition of schools for purposes of presenting candidates for Matriculation in the hands of the Local Governments, and in case of Native States of the Durbars concerned, while leaving to the universities the power of selection from schools so recognised. The University has no machinery for carrying out this work, and in most provinces already relies entirely on the Departments of Public Instruction, which alone have the agency competent to inspect schools. As teaching and residential universities are deve-

in the various institutions conjoined to it. The former of these types has in the past enjoyed some popularity in the United Kingdom, but after experience it has been largely abandoned there, and the constituent colleges which were grouped together have for the most part become separate teaching universities without power of combination with other institutions at a distance. At present there are only five Indian Universities for arts and professional colleges in British India, besides several institutions in Native States. The day is probably far distant when India will be able to dispense altogether with the affiliating university. But it is necessary to restrict the area over which the affiliating universities have control, by securing in the first instance a separate university for each of the leading provinces in India; and, secondly, to create new local teaching and residential universities within each of the provinces in harmony with the best modern opinion as to the right road to educational efficiency. The Government of India have decided to found a teaching and residential university at Dacca, and they are prepared to sanction, under certain conditions, the establishment of similar universities at Aligarh and Benares and elsewhere as occasion may demand. They also contemplate the establishment of universities at Rangoon, Patna, and Nagpur. It may be possible hereafter to sanction the conversion into local teaching universities with power to confer degrees upon their own students of those colleges which have shown the capacity to attract students from a distance and have attained the requisite standard of efficiency. Only by experiment will it be found out what type or types of universities are best suited to the different parts of India.

DEVELOPMENT OF TEACHING FACULTIES.

46. Simultaneously the Government of India desire to see teaching faculties developed at the seats of the existing universities, and corporate life encouraged in order to promote higher study and create an atmosphere from which students will imbibe good social, moral and intellectual influences. They have already given grants and hope to give further grants hereafter to these ends. They trust that each University will soon build up a worthy university library suitably housed, and that higher studies in India will soon enjoy all the external conveniences of such work in the West.

47. In order to free the universities for higher work and more efficient control of colleges, the Government of India are disposed to think it desirable (in provinces where this is not already the case) to place the preliminary recognition of schools for purposes of presenting candidates for Matriculation in the hands of the Local Governments, and in case of Native States of the Durbars concerned, while leaving to the universities the power of selection from schools so recognised. The University has no machinery for carrying out this work, and in most provinces already relies entirely on the Departments of Public Instruction, which alone have the agency competent to inspect schools. As teaching and residential universities are deve-

loped the problem will become even more complex than it is at present. The question of amending the Universities Act will be separately considered.

48. The Government of India hope that by these developments a great impetus will be given to higher studies throughout India, and that Indian students of the future will be better equipped for the battle of life than the students of the present generation.

49. The Chiefs' Colleges advance in popularity in developing character and imparting ideas of corporate life. They are serving well the purpose for which they were founded. They are also attaining steadily increasing intellectual efficiency. But the committee of the Mayo College, Ajmere, have decided that it is necessary to increase the European staff. The Post Diploma course has on the whole worked satisfactorily, and there is now a movement on foot to found a separate college for the students taking this course. Such a college may in the future become the nucleus of a university for those who now attend the Chiefs' Colleges.

SCHOOL STAFFED BY EUROPEANS ONLY.

50. The grave disadvantages of sending their children to England to be educated away from home influences at the most impressionable time of life are being realised by Indian parents. The Government of India have been approached unofficially from more than one quarter in connection with a proposal to establish in India a thoroughly efficient school staffed entirely by Europeans and conducted on the most modern European lines for the sons of those parents who can afford to pay high fees. No project is yet before them; but the Government of India take this opportunity to express their sympathy with the proposal; and, should sufficient funds be forthcoming, will be glad to assist in working out a practical scheme.

TRAINED TEACHERS.

51. Few reforms are more urgently needed than the extension and improvement of training of teachers for both primary and secondary schools in all subjects, including, in the case of the latter schools, science and oriental studies. The object must steadily be kept in view that eventually, under modern system of education, no teacher should be allowed to teach without a certificate that he is qualified to do so. There are at present 15 colleges and other institutions for the instruction of those who will teach through the medium of English. These contain nearly 1,400 students under training. There are 550 schools or classes for the training of vernacular (mainly primary) teachers, and their students number over 11,000. The courses vary in length from one to two years. The number of teachers turned out from these institutions does not meet the existing demand and is altogether inadequate in view of the prospects of a rapid expansion of education in the near future. The Government of India desire Local Governments to examine their schemes for training teachers of all grades and to enlarge them so as to provide for the the great expansion which may be expected, especially in primary education.

loped the problem will become even more complex than it is at present. The question of amending the Universities Act will be separately considered.

48. The Government of India hope that by these developments a great impetus will be given to higher studies throughout India, and that Indian students of the future will be better equipped for the battle of life than the students of the present generation.

49. The Chiefs' Colleges advance in popularity in developing character and imparting ideas of corporate life. They are serving well the purpose for which they were founded. They are also attaining steadily increasing intellectual efficiency. But the committee of the Mayo College, Ajmere, have decided that it is necessary to increase the European staff. The Post Diploma course has on the whole worked satisfactorily, and there is now a movement on foot to found a separate college for the students taking this course. Such a college may in the future become the nucleus of a university for those who now attend the Chiefs' Colleges.

SCHOOL STAFFED BY EUROPEANS ONLY.

50. The grave disadvantages of sending their children to England to be educated away from home influences at the most impressionable time of life are being realised by Indian parents. The Government of India have been approached unofficially from more than one quarter in connection with a proposal to establish in India a thoroughly efficient school staffed entirely by Europeans and conducted on the most modern European lines for the sons of those parents who can afford to pay high fees. No project is yet before them; but the Government of India take this opportunity to express their sympathy with the proposal; and, should sufficient funds be forthcoming, will be glad to assist in working out a practical scheme.

TRAINED TEACHERS.

51. Few reforms are more urgently needed than the extension and improvement of training of teachers for both primary and secondary schools in all subjects, including, in the case of the latter schools, science and oriental studies. The object must steadily be kept in view that eventually, under modern system of education, no teacher should be allowed to teach without a certificate that he is qualified to do so. There are at present 15 colleges and other institutions for the instruction of those who will teach through the medium of English. These contain nearly 1,400 students under training. There are 550 schools or classes for the training of vernacular (mainly primary) teachers, and their students number over 11,000. The courses vary in length from one to two years. The number of teachers turned out from these institutions does not meet the existing demand and is altogether inadequate in view of the prospects of a rapid expansion of education in the near future. The Government of India desire Local Governments to examine their schemes for training teachers of all grades and to enlarge them so as to provide for the the great expansion which may be expected, especially in primary education.

The first of these is the fact that the
the human mind is not a blank slate
at birth, but is already filled with
ideas and impressions from the world
around it.

The second is the fact that the
human mind is not a passive receiver
of information, but is an active
organ which interprets and
organizes the information it receives
in accordance with its own ideas and
experiences.

The third is the fact that the
human mind is not a single, unified
entity, but is composed of many
different parts, each of which has
its own functions and its own
ways of working.

The fourth is the fact that the
human mind is not a static entity,
but is constantly changing and
developing. It is a process, not a
thing. It is a stream of thought,
not a collection of ideas. It is a
living, breathing, growing organism,
not a dead, inert machine.

TRAINING COLLEGES.

52. As regards training colleges for secondary schools some experience has been gained but the Government of India are conscious that the subject is one in which a free interchange of ideas based on the success or failure of the experiment, is desirable. The best size for the practising school and the relations between it and the college, the number of students in the college for which the practising school can afford facilities of demonstration without losing its character as a model institution, the nature of and the most suitable methods of procedure in practical work, the relative importance of methodology and of psychological study, the best treatment of educational history, the extent to which it is desirable and practicable to include courses in subject-matter in the scheme of training, especially courses in new subjects, such as manual training and experimental science, the points in which a course of training for graduates should differ from one for non-graduates, the degree to which the body awarding a diploma in teaching should base its award on the college records of the student's works, and other unsolved questions indicate that the instructors in training colleges in different parts of India should keep in touch with others, and constantly scrutinize the most modern developments in the West. Visits made by selected members of the staff of one college to other institutions, and the pursuit of furlough studies, would seem especially likely to lead to useful results in this branch of education.

PAY AND PROSPECTS OF EDUCATION SERVICES.

53. The Government of India have for some time had under consideration the improvement of the pay and prospects of the Education Services, Indian, Provincial, and subordinate. They had drawn up some proposals in regard to the first two services and approved some schemes forwarded by Local Governments in regard to the third when it was decided to appoint a Royal Commission on the Public Services of India. The Government of India recognise that improvement in the position of all the Educational Services is required so as to attract first class men in increasing numbers; and while leaving questions of reorganisation for the consideration of the Commission, are considering minor proposals for the improvement of the position of these Services. They attach the greatest importance to the provision for the old age of teachers either by pension or a provident fund. Teachers in Government institutions, and in some areas teachers in schools managed by Local Boards, are eligible for these privileges. But it is necessary to extend the provision in the case of Board and Municipal servants, and still more in the cases of teachers of privately managed schools, for the great majority of whom no such system exists. It is not possible to have a healthy moral atmosphere in any schools primary or secondary, or at any college where the teacher is discontented and anxious about the future. The Governor General-in-Council desires that due provision for teachers in their old age should be made with the least possible delay. Local Governments have already been addressed upon this subject.

TRAINING COLLEGES.

52. As regards training colleges for secondary schools some experience has been gained but the Government of India are conscious that the subject is one in which a free interchange of ideas based on the success or failure of the experiment, is desirable. The best size for the practising school and the relations between it and the college, the number of students in the college for which the practising school can afford facilities of demonstration without losing its character as a model institution, the nature of and the most suitable methods of procedure in practical work, the relative importance of methodology and of psychological study, the best treatment of educational history, the extent to which it is desirable and practicable to include courses in subject-matter in the scheme of training, especially courses in new subjects, such as manual training and experimental science, the points in which a course of training for graduates should differ from one for non-graduates, the degree to which the body awarding a diploma in teaching should base its award on the college records of the student's works, and other unsolved questions indicate that the instructors in training colleges in different parts of India should keep in touch with others, and constantly scrutinize the most modern developments in the West. Visits made by selected members of the staff of one college to other institutions, and the pursuit of furlough studies, would seem especially likely to lead to useful results in this branch of education.

PAY AND PROSPECTS OF EDUCATION SERVICES.

53. The Government of India have for some time had under consideration the improvement of the pay and prospects of the Education Services, Indian, Provincial, and subordinate. They had drawn up some proposals in regard to the first two services and approved some schemes forwarded by Local Governments in regard to the third when it was decided to appoint a Royal Commission on the Public Services of India. The Government of India recognise that improvement in the position of all the Educational Services is required so as to attract first class men in increasing numbers; and while leaving questions of reorganisation for the consideration of the Commission, are considering minor proposals for the improvement of the position of these Services. They attach the greatest importance to the provision for the old age of teachers either by pension or a provident fund. Teachers in Government institutions, and in some areas teachers in schools managed by Local Boards, are eligible for these privileges. But it is necessary to extend the provision in the case of Board and Municipal servants, and still more in the cases of teachers of privately managed schools, for the great majority of whom no such system exists. It is not possible to have a healthy moral atmosphere in any schools primary or secondary, or at any college where the teacher is discontented and anxious about the future. The Governor General-in-Council desires that due provision for teachers in their old age should be made with the least possible delay. Local Governments have already been addressed upon this subject.

THE DOMICILED COMMUNITY.

54. The defective state of the education of the Domiciled community has long been remarked—many suggestions have from time to time been made for its improvement. An influential committee presided over by Sir Robert Laidlaw is now collecting funds for the schools of all denominations except Roman Catholic schools. As in the case of secondary English education and for similar reasons the policy has been and is to rely on private enterprise guided by inspection and aided by grants from public funds. The Government of India have never had any intention of changing the policy : but in order to discuss the whole question and to obtain definite practical suggestions of reform, they assembled an influential conference at Simla last July.

55. The recommendations of the conference were numerous and far-reaching. The Government of India are prepared to accept at once the view that the most urgent needs are the education of those children, who do not at present attend school and the improvement of the prospects of teachers. They are also disposed to regard favourably the proposal to erect a training college at Bangalore with arts and science classes for graduate courses attached to it. They recognise that grants-in-aid must be given in future on a more liberal scale and under a more elastic system. They will recommend to Local Governments the grant of a greater number of scholarships to study abroad. The proposals to re-classify the school, to introduce leaving certificates, to include in the course of instruction general hygiene and physiology, special instruction in temperance, and the effects of alcohol on the human body, and the other detailed proposals of the Conference, will be carefully considered on the lines of the opinion of Local Governments when they have been received.

56. The suggestion was put forward and largely supported at the Conference that European education should be centralised under the Government of India. This suggestion cannot be accepted. Apart from the fact that decentralization is the accepted policy of Government, the course of the discussion at the Conference showed how different were the conditions of life of members of the domiciled community in different parts of India, and how these differences necessarily reacted on their educational arrangements. The Government of India are convinced that although some difficulties might be removed, more would be created by centralisation.

MAHOMEDAN NEEDS.

57. The figures and general remarks contained in this resolution are general and applicable to all races and religions in India, but the special needs of the Mahomedans and the manner in which they have been met demands some mention. The last nine years have witnessed a remarkable awakening on the part of this community to the advantages of modern education. Within this period the number of Mahomedan pupils has increased by approximately 50 per cent, and now stands at nearly a million and

ORIGINAL ARTICLES

The purpose of this study was to determine the effect of the use of the term "hypertension" on the diagnosis of hypertension. The study was conducted in a hospital setting where the term "hypertension" was used by the physician in the history and physical examination. The results of the study showed that the use of the term "hypertension" led to a higher rate of diagnosis of hypertension. This suggests that the use of the term "hypertension" may be a useful tool in the diagnosis of hypertension.

The study was conducted in a hospital setting where the term "hypertension" was used by the physician in the history and physical examination. The results of the study showed that the use of the term "hypertension" led to a higher rate of diagnosis of hypertension. This suggests that the use of the term "hypertension" may be a useful tool in the diagnosis of hypertension. The study was conducted in a hospital setting where the term "hypertension" was used by the physician in the history and physical examination. The results of the study showed that the use of the term "hypertension" led to a higher rate of diagnosis of hypertension. This suggests that the use of the term "hypertension" may be a useful tool in the diagnosis of hypertension.

The study was conducted in a hospital setting where the term "hypertension" was used by the physician in the history and physical examination. The results of the study showed that the use of the term "hypertension" led to a higher rate of diagnosis of hypertension. This suggests that the use of the term "hypertension" may be a useful tool in the diagnosis of hypertension. The study was conducted in a hospital setting where the term "hypertension" was used by the physician in the history and physical examination. The results of the study showed that the use of the term "hypertension" led to a higher rate of diagnosis of hypertension. This suggests that the use of the term "hypertension" may be a useful tool in the diagnosis of hypertension.

The study was conducted in a hospital setting where the term "hypertension" was used by the physician in the history and physical examination. The results of the study showed that the use of the term "hypertension" led to a higher rate of diagnosis of hypertension. This suggests that the use of the term "hypertension" may be a useful tool in the diagnosis of hypertension. The study was conducted in a hospital setting where the term "hypertension" was used by the physician in the history and physical examination. The results of the study showed that the use of the term "hypertension" led to a higher rate of diagnosis of hypertension. This suggests that the use of the term "hypertension" may be a useful tool in the diagnosis of hypertension.

THE DOMICILED COMMUNITY.

54. The defective state of the education of the Domiciled community has long been remarked—many suggestions have from time to time been made for its improvement. An influential committee presided over by Sir Robert Laidlaw is now collecting funds for the schools of all denominations except Roman Catholic schools. As in the case of secondary English education and for similar reasons the policy has been and is to rely on private enterprise guided by inspection and aided by grants from public funds. The Government of India have never had any intention of changing the policy: but in order to discuss the whole question and to obtain definite practical suggestions of reform, they assembled an influential conference at Simla last July.

55. The recommendations of the conference were numerous and far-reaching. The Government of India are prepared to accept at once the view that the most urgent needs are the education of those children, who do not at present attend school and the improvement of the prospects of teachers. They are also disposed to regard favourably the proposal to erect a training college at Bangalore with arts and science classes for graduate courses attached to it. They recognise that grants-in-aid must be given in future on a more liberal scale and under a more elastic system. They will recommend to Local Governments the grant of a greater number of scholarships to study abroad. The proposals to re-classify the school, to introduce leaving certificates, to include in the course of instruction general hygiene and physiology, special instruction in temperance, and the effects of alcohol on the human body, and the other detailed proposals of the Conference, will be carefully considered on the lines of the opinion of Local Governments when they have been received.

56. The suggestion was put forward and largely supported at the Conference that European education should be centralised under the Government of India. This suggestion cannot be accepted. Apart from the fact that decentralisation is the accepted policy of Government, the course of the discussion at the Conference showed how different were the conditions of life of members of the domiciled community in different parts of India, and how these differences necessarily reacted on their educational arrangements. The Government of India are convinced that although some difficulties might be removed, more would be created by centralisation.

MAHOMEDAN NEEDS.

57. The figures and general remarks contained in this resolution are general and applicable to all races and religions in India, but the special needs of the Mahomedans and the manner in which they have been met demands some mention. The last nine years have witnessed a remarkable awakening on the part of this community to the advantages of modern education. Within this period the number of Mahomedan pupils has increased by approximately 50 per cent, and now stands at nearly a million and

a half. The total Mahomedan population of India is now 57,423,866 souls. The number at school accordingly represents over 16·7 per cent. of those of a school-going age. Still more remarkable has been the increase of Mahomedan pupils in higher institutions, the outturn of Mahomedan graduates having in the same period increased by nearly 80 per cent. But while in primary institutions the number of Mahomedans has actually raised the proportion at school all grades among the children of that community to a figure slightly in excess of the average proportion for children of all races and creeds in India, in the matter of higher education their numbers remain well below the proportion, notwithstanding the large relative increase. The facilities offered to Mahomedans in different provinces generally take the form of special institutions, such is *madrassas*, hostels, scholarships, and special inspectors. The introduction of simple vernacular courses into *madrassas* has gone far to spread elementary education amongst Mahomedans in certain parts of India. The whole question of Mahomedan education which was specially treated by the Commission of 1882, is receiving the attention of the Government of India.

ORIENTAL STUDIES.

58. The Government of India attach great importance to the cultivation and improvement of oriental studies. There is an increasing interest throughout India in her ancient civilization, and it is necessary to investigate that civilization with the help of the medium of Western methods of research and in relation to modern ideas. A conference of distinguished Orientalists held at Simla in July 1911 recommended the establishment of a Central Research Institute, on lines somewhat similar to those of L'Ecole Francaise L'Extreme Orient at Hanoi. The question was discussed whether research could efficiently be carried on at the existing universities, and the opinion predominated that it would be difficult to create the appropriate atmosphere of Oriental study in those universities as at present constituted; that it was desirable to have in one institution for scholars working on different branches of the kindred subjects which comprise Orientalia, and that for reasons of economy it was preferable to start with one institute well equipped and possessing a first class library. The Government of India are inclined to adopt this view and to agree with the Conference that the central institute should not be isolated, that it should be open to students from all parts of India, and that it should, as far as possible, combine its activities with those of the Universities of India and different seats of learning. The object of the institute, apart from research, is to provide Indians highly trained in original work who will enable schools of Indian history and archaeology to be founded hereafter, prepare catalogues raisonnés of manuscripts, develop museums, and build up research in universities and colleges of the different provinces. Another object is to attract in the course of time *Pandits* and *Maulvis* of eminence to the institute and so to promote an interchange of the higher scholarships of both

a half. The total Mahomedan population of India is now 57,423,866 souls. The number at school accordingly represents over 16.7 per cent. of these of a school-going age. Still more remarkable has been the increase of Mahomedan pupils in higher institutions, the outturn of Mahomedan graduates having in the same period increased by nearly 80 per cent. But while in primary institutions the number of Mahomedans has actually raised the proportion at school all grades among the children of that community to a figure slightly in excess of the average proportion for children of all races and creeds in India, in the matter of higher education their numbers remain well below the proportion, notwithstanding the large relative increase. The facilities offered to Mahomedans in different provinces generally take the form of special institutions, such as madrasahs, hostels, scholarships, and special inspectors. The introduction of simple vernacular courses into *mak-tabs* has gone far to spread elementary education amongst Mahomedans in certain parts of India. The whole question of Mahomedan education which was specially treated by the Commission of 1882, is receiving the attention of the Government of India.

ORIENTAL STUDIES.

58. The Government of India attach great importance to the cultivation and improvement of oriental studies. There is an increasing interest throughout India in her ancient civilization, and it is necessary to investigate that civilization with the help of the medium of Western methods of research and in relation to modern ideas. A conference of distinguished Orientalists held at Simla in July 1911 recommended the establishment of a Central Research Institute, on lines somewhat similar to those of L'Ecole Française d'Extrême Orient at Hanoi. The question was discussed whether research could efficiently be carried on at the existing universities, and the opinion predominated that it would be difficult to create the appropriate atmosphere of Oriental study in those universities as at present constituted; that it was desirable to have in one institution for scholars working on different branches of the kindred subjects which comprise Orientalia, and that for reasons of economy it was preferable to start with one institute well equipped and possessing a first class library. The Government of India are inclined to adopt this view and to agree with the Conference that the central institute should not be isolated, that it should be open to students from all parts of India, and that it should, as far as possible, combine its activities with those of the Universities of India and different seats of learning. The object of the institute, apart from research, is to provide Indians highly trained in original work who will enable schools of Indian history and archaeology to be founded hereafter, prepare catalogues raisonnés of manuscripts, develop museums, and build up research in universities and colleges of the different provinces. Another object is to attract in the course of time *Pandits* and *Maulvis* of eminence to the institute and so to promote an interchange of the higher scholarships of both

The book is a collection of essays, some of which are written by the author, and some by other scholars. The essays are arranged in two parts. The first part contains essays on the history of the book, and the second part contains essays on the book's reception. The author's essays are written in a clear and concise style, and they provide a good overview of the book's history and reception. The essays by other scholars are also well-written, and they provide a more detailed analysis of the book's reception. The book is a valuable resource for anyone interested in the history of the book, and it is also a good introduction to the book's reception.

RECEIVED REVIEWS

The book is a collection of essays, some of which are written by the author, and some by other scholars. The essays are arranged in two parts. The first part contains essays on the history of the book, and the second part contains essays on the book's reception. The author's essays are written in a clear and concise style, and they provide a good overview of the book's history and reception. The essays by other scholars are also well-written, and they provide a more detailed analysis of the book's reception. The book is a valuable resource for anyone interested in the history of the book, and it is also a good introduction to the book's reception.

the old and the new schools of Orientalists throughout India, but before the formation of a definite scheme the Governor General-in-Council desires to consult Local Governments.

59. While making provision for scholarship on modern lines, the Conference drew attention to the necessity of retaining separately the ancient and indigenous systems of instruction. The world of scholarship, they thought, would suffer irreparable loss if the old type of *Pandits* and *Maulvis* were to die out before the profound knowledge of their subjects had been made available to the world, and encouragement rather than reform was needed to prevent such an unfortunate result. Certain proposals for encouragement were made at the Conference, viz.

(a) Grants to Sanskrit colleges, *Madrasas*, *Tols*, *Patshalas*, *Makhtabs*, *Ponggi Kyauangs*, and other indigenous institutions in order to secure better salaries for teachers, and to enable students by fellowships or scholarships to carry their education to the highest point possible ;

(b) The appointment of specially qualified inspectors in Orientalia ;

(c) The provision of posts of highly trained *pandits* and *maulvis* ;

(d) The grant of money rewards for Oriental work.

The Government of India hope to see adoption of measures that are practicable for the maintenance and furtherance of the ancient indigenous systems of learning, and have called for proposals from the local Governments to this end.

FUNCTIONS OF LOCAL BODIES.

60. The functions of local bodies in regard to education generally and their relations with the departments of public instruction are under the consideration of the Government of India. But it is clear that if comprehensive systems are to be introduced, expert advice and control will be needed at every turn. The Government of India propose to examine in communication with local Governments the organisation for education in each province and readiness for expansion. A suggestion has been made that the Director of Public Instruction should be *ex-officio* a secretary to the Government. The Government of India, agreeing with the majority of the local Governments, are unable to accept this view which confuses the position of administrative and secretariate officers ; but they consider it necessary that the Director of Public Instruction should have regular access to the head of the administration or the Member in charge of the portfolio of Education. The Government of India wish generally to utilise to the full the support and enthusiasm of distinct officers and local bodies in the expansion and improvement of primary education ; but the large schemes which are now in contemplation must be prepared with the co-operation and under the advice of experts. A considerable strengthening of the superior inspecting staff including the appointment of specialists in science, orientalia, etc., may be found necessary in most provinces. In Madras an experienced officer in the Education Department has been placed ; on special

The following is a list of the names of the members of the Association who have been elected to the office of President for the year 1910.

The following is a list of the names of the members of the Association who have been elected to the office of President for the year 1910.

The following is a list of the names of the members of the Association who have been elected to the office of President for the year 1910.

The following is a list of the names of the members of the Association who have been elected to the office of President for the year 1910.

the old and the new schools of Orientalists throughout India, but before the formation of a definite scheme the Governor General-in-Council desires to consult Local Governments.

59. While making provision for scholarship on modern lines, the Conference drew attention to the necessity of retaining separately the ancient and indigenous systems of instruction. The world of scholarship, they thought, would suffer irreparable loss if the old type of *Pandits* and *Maulvis* were to die out before the profound knowledge of their subjects had been made available to the world, and encouragement rather than reform was needed to prevent such an unfortunate result. Certain proposals for encouragement were made at the Conference, viz.

(a) Grants to Sanskrit colleges, *Madrasas*, *Tols*, *Patshalas*, *Maktabas*, *Pongyi Kyauungs*, and other indigenous institutions in order to secure better salaries for teachers, and to enable students by fellowships or scholarships to carry their education to the highest point possible;

(b) The appointment of specially qualified inspectors in Orientalia;

(c) The provision of posts of highly trained *pandits* and *maulvis*;

(d) The grant of money rewards for Oriental work.

The Government of India hope to see adoption of measures that are practicable for the maintenance and furtherance of the ancient indigenous systems of learning, and have called for proposals from the local Governments to this end.

FUNCTIONS OF LOCAL BODIES.

60. The functions of local bodies in regard to education generally and their relations with the departments of public instruction are under the consideration of the Government of India. But it is clear that if comprehensive systems are to be introduced, expert advice and control will be needed at every turn. The Government of India propose to examine in communication with local Governments the organisation for education in each province and readiness for expansion. A suggestion has been made that the Director of Public Instruction should be *ex-officio* a secretary to the Government. The Government of India, agreeing with the majority of the local Governments, are unable to accept this view which confuses the position of administrative and secretariate officers; but they consider it necessary that the Director of Public Instruction should have regular access to the head of the administration or the Member in charge of the portfolio of Education. The Government of India wish generally to utilise to the full the support and enthusiasm of distinct officers and local bodies in the expansion and improvement of primary education; but the large schemes which are now in contemplation must be prepared with the co-operation and under the advice of experts. A considerable strengthening of the superior inspecting staff including the appointment of specialists in science, oriental, etc., may be found necessary in most provinces. In Madras an experienced officer in the Education Department has been placed; on special

duty for two years to assist the Director of Public Instruction to prepare the scheme of expansion and improvement in that province, and the Government of India would be glad to see a similar arrangement in all the major provinces should the local Government decide it.

61. In the Resolution of 1904 it was stated that arrangements would be made for periodical meetings of the Directors of Public Instruction in order that they might compare their experience of the results of different methods of work and discuss matters of special interests. The Government of India have already held general conferences at which the Directors attended, and they are convinced that periodical meetings of Directors will be of great value. While each province has its own system, it has much to learn from other provinces; and when they meet, the Directors get into touch with new ideas and gain the benefit of experience obtained in other provinces. The Government of India are impressed with the necessity not only of an exchange of views amongst experts, but also of the advantages of studying experiments all over on the spot; and in the letter of July 7, 1911, they invited Local Governments to arrange that professors of arts and technical colleges and inspectors of schools should visit institutions outside the province where they are appointed with a view to enlarging their experience.

62. Such, in broad outline, are the present outlook and the general policy for the near future of the Government of India. The main principles of this policy were forwarded to His Majesty's Secretary of State on September 28th, 1911, and parts of it have already been announced. It was, however, deemed convenient to defer for publication a Resolution until the whole field could be surveyed. This has now been done. The Governor-General-in-Council trusts that the growing section of the Indian public which is interested in education will join in establishing, under the guidance and with the help of Government, those quickening systems of education on which the best minds in India are now converging, and on which the prospects of the rising generation depend. He appeals with confidence to wealthy citizens throughout India to give of their abundance to the cause of education in the foundation of scholarships, the building of hostels, schools, colleges, laboratories, gymnasia, swimming baths, the provision of playgrounds and other structural improvements in furthering the cause of modern scientific studies, and especially of technical education, in gifts of prizes and equipment; the endowment of chairs and fellowships, and the provision for research of every kind. There is a field and a noble opportunity for the exercise on modern lines of that charity and benevolence for which India has been renowned from ancient times.

The first of these is the fact that the
 government has been unable to secure
 the necessary funds to carry out its
 policy of non-interference.

The second is the fact that the
 government has been unable to secure
 the necessary funds to carry out its
 policy of non-interference.

The third is the fact that the
 government has been unable to secure
 the necessary funds to carry out its
 policy of non-interference.

The fourth is the fact that the
 government has been unable to secure
 the necessary funds to carry out its
 policy of non-interference.

The fifth is the fact that the
 government has been unable to secure
 the necessary funds to carry out its
 policy of non-interference.

The sixth is the fact that the
 government has been unable to secure
 the necessary funds to carry out its
 policy of non-interference.

The seventh is the fact that the
 government has been unable to secure
 the necessary funds to carry out its
 policy of non-interference.

The eighth is the fact that the
 government has been unable to secure
 the necessary funds to carry out its
 policy of non-interference.

The ninth is the fact that the
 government has been unable to secure
 the necessary funds to carry out its
 policy of non-interference.

duty for two years to assist the Director of Public Instruction to prepare the scheme of expansion and improvement in that province, and the Government of India would be glad to see a similar arrangement in all the major provinces should the local Government decide it.

61. In the Resolution of 1904 it was stated that arrangements would be made for periodical meetings of the Directors of Public Instruction in order that they might compare their experience of the results of different methods of work and discuss matters of special interests. The Government of India have already held general conferences at which the Directors attended, and they are convinced that periodical meetings of Directors will be of great value. While each province has its own system, it has much to learn from other provinces; and when they meet, the Directors get into touch with new ideas and gain the benefit of experience obtained in other provinces. The Government of India are impressed with the necessity not only of an exchange of views amongst experts, but also of the advantages of studying experiments all over on the spot; and in the letter of July 7, 1911, they invited Local Governments to arrange that professors of arts and technical colleges and inspectors of schools should visit institutions outside the province where they are appointed with a view to enlarging their experience.

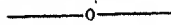
62. Such, in broad outline, are the present outlook and the general policy for the near future of the Government of India. The main principles of this policy were forwarded to His Majesty's Secretary of State on September 28th, 1911, and parts of it have already been announced. It was, however, deemed convenient to defer for publication a Resolution until the whole field could be surveyed. This has now been done. The Governor-General-in-Council trusts that the growing section of the Indian public which is interested in education will join in establishing, under the guidance and with the help of Government, those quickening systems of education on which the best minds in India are now converging, and on which the prospects of the rising generation depend. He appeals with confidence to wealthy citizens throughout India to give of their abundance to the cause of education in the foundation of scholarships, the building of hostels, schools, colleges, laboratories, gymnasia, swimming baths, the provision of playgrounds and other structural improvements in furthering the cause of modern scientific studies, and especially of technical education, in gifts of prizes and equipment; the endowment of chairs and fellowships, and the provision for research of every kind. There is a field and a noble opportunity for the exercise on modern lines of that charity and benevolence for which India has been renowned from ancient times.

CHAPTER XIII.

MEDICAL RELIEF AND SANITATION.

LIKE many other sciences, the science of medicine had attained a high degree of development in India some time before the beginning of the Christian era ; and also like those sciences, it fell into decay after flourishing for a few centuries. The existing indigenous systems, Aryan and Unani, owing to the arrested growth and decadence of the original Indian science, do not compare favourably with the European system which has the advantage of the latest scientific discoveries and which has gained a strong footing in this country. Formerly the *Vaidyas* and the *Ilakims* were liberally patronised by the princes and the aristocracy, and no class of people found any difficulty in getting the kind of medical aid that was available in those days. There was, however, hardly any organized public attempt to provide medical relief in hospitals and dispensaries, which developed in India only in the course of the last century. As in so many other things, so also in the matter of medical relief, the Presidency towns were the first to have public institutions, and for the treatment of the East India Company's servants as well as of the Indian population, provision was made in them. These facilities remained confined to the towns for a pretty long time, and it is only within the last forty years or so that the country has come to share in that advantage. The progress has been steadily going on, especially on account of the provision of medical relief which the municipalities and district boards have undertaken to afford. There are six classes of hospitals and dispensaries in British

CHAPTER XIII.



MEDICAL RELIEF AND SANITATION.

LIKE many other sciences, the science of medicine had attained a high degree of development in India some time before the beginning of the Christian era ; and also like those sciences, it fell into decay after flourishing for a few centuries. The existing indigenous systems, Aryan and Unani, owing to the arrested growth and decadence of the original Indian science, do not compare favourably with the European system which has the advantage of the latest scientific discoveries and which has gained a strong footing in this country. Formerly the *Vaidyas* and the *Ilakims* were liberally patronised by the princes and the aristocracy, and no class of people found any difficulty in getting the kind of medical aid that was available in those days. There was, however, hardly any organized public attempt to provide medical relief in hospitals and dispensaries, which developed in India only in the course of the last century. As in so many other things, so also in the matter of medical relief, the Presidency towns were the first to have public institutions, and for the treatment of the East India Company's servants as well as of the Indian population, provision was made in them. These facilities remained confined to the towns for a pretty long time, and it is only within the last forty years or so that the country has come to share in that advantage. The progress has been steadily going on, especially on account of the provision of medical relief which the municipalities and district boards have undertaken to afford. There are six classes of hospitals and dispensaries in British

India:— (1) Maintained by the State for the general population ; (2) Special institutions also maintained by the State ; (3) Local fund, (4) Private (aided), (5) Private, non-aided, and (6) Railway institutions. The number of hospitals and dispensaries of these different classes open on 31st December 1911, was as follows:—

| | | |
|---------------------|-----|-------------|
| State—Public | ... | 258 |
| State—Special | | |
| Police | ... | 278 |
| Forests and surveys | ... | 7 |
| Canals | ... | 38 |
| Others | ... | 57 |
| Local fund | ... | 2,207 |
| Private, aided | ... | 257 |
| Private, non-aided | ... | 709 |
| Railway | ... | 317 |
| Total | ... | <hr/> 4,128 |

The accommodation available and the number of persons treated in all classes of hospitals and dispensaries taken together will be seen from the following table:—

1911

No. of beds:

| | | |
|-------------------|-----|-------------|
| For men | ... | 31,630 |
| For women | ... | 14,019 |
| Indoor patients | ... | 6,02,130 |
| Out-door patients | ... | 3,44,88,627 |

The total number of patients treated in State-Public, local fund and private-aided hospitals and dispensaries in 1911 was made up of 1,53,70,880 men, 54,73,677 women and 73,51,245 children. Special efforts are being made to afford medical aid to women who on account of the customs

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

[illegible]

The following table shows the results of the regression analysis for the dependent variable "Number of publications" (N = 100). The independent variables are "Gender" (Male/Female) and "Age" (Young/Middle/Older). The table includes the coefficient estimates, standard errors, t-statistics, and p-values for each variable.

| Variable | Coefficient | Standard Error | t-statistic | p-value |
|---------------|-------------|----------------|-------------|---------|
| Gender (Male) | 0.15 | 0.08 | 1.88 | 0.06 |
| Age (Young) | 0.25 | 0.10 | 2.50 | 0.01 |
| Age (Middle) | 0.10 | 0.09 | 1.11 | 0.27 |
| Age (Older) | 0.05 | 0.08 | 0.63 | 0.53 |
| Constant | 1.50 | 0.20 | 7.50 | <0.001 |

■

■ **THE** **WORLD**

1. **Introduction**
 2. **Methodology**
 3. **Results**
 4. **Discussion**
 5. **Conclusion**
 6. **References**
 7. **Appendix**
 8. **Index**
 9. **Table of Contents**
 10. **Figure 1**
 11. **Figure 2**
 12. **Figure 3**
 13. **Figure 4**
 14. **Figure 5**
 15. **Figure 6**
 16. **Figure 7**
 17. **Figure 8**
 18. **Figure 9**
 19. **Figure 10**
 20. **Figure 11**
 21. **Figure 12**
 22. **Figure 13**
 23. **Figure 14**
 24. **Figure 15**
 25. **Figure 16**
 26. **Figure 17**
 27. **Figure 18**
 28. **Figure 19**
 29. **Figure 20**
 30. **Figure 21**
 31. **Figure 22**
 32. **Figure 23**
 33. **Figure 24**
 34. **Figure 25**
 35. **Figure 26**
 36. **Figure 27**
 37. **Figure 28**
 38. **Figure 29**
 39. **Figure 30**
 40. **Figure 31**
 41. **Figure 32**
 42. **Figure 33**
 43. **Figure 34**
 44. **Figure 35**
 45. **Figure 36**
 46. **Figure 37**
 47. **Figure 38**
 48. **Figure 39**
 49. **Figure 40**
 50. **Figure 41**
 51. **Figure 42**
 52. **Figure 43**
 53. **Figure 44**
 54. **Figure 45**
 55. **Figure 46**
 56. **Figure 47**
 57. **Figure 48**
 58. **Figure 49**
 59. **Figure 50**
 60. **Figure 51**
 61. **Figure 52**
 62. **Figure 53**
 63. **Figure 54**
 64. **Figure 55**
 65. **Figure 56**
 66. **Figure 57**
 67. **Figure 58**
 68. **Figure 59**
 69. **Figure 60**
 70. **Figure 61**
 71. **Figure 62**
 72. **Figure 63**
 73. **Figure 64**
 74. **Figure 65**
 75. **Figure 66**
 76. **Figure 67**
 77. **Figure 68**
 78. **Figure 69**
 79. **Figure 70**
 80. **Figure 71**
 81. **Figure 72**
 82. **Figure 73**
 83. **Figure 74**
 84. **Figure 75**
 85. **Figure 76**
 86. **Figure 77**
 87. **Figure 78**
 88. **Figure 79**
 89. **Figure 80**
 90. **Figure 81**
 91. **Figure 82**
 92. **Figure 83**
 93. **Figure 84**
 94. **Figure 85**
 95. **Figure 86**
 96. **Figure 87**
 97. **Figure 88**
 98. **Figure 89**
 99. **Figure 90**
 100. **Figure 91**
 101. **Figure 92**
 102. **Figure 93**
 103. **Figure 94**
 104. **Figure 95**
 105. **Figure 96**
 106. **Figure 97**
 107. **Figure 98**
 108. **Figure 99**
 109. **Figure 100**
 110. **Figure 101**
 111. **Figure 102**
 112. **Figure 103**
 113. **Figure 104**
 114. **Figure 105**
 115. **Figure 106**
 116. **Figure 107**
 117. **Figure 108**
 118. **Figure 109**
 119. **Figure 110**
 120. **Figure 111**
 121. **Figure 112**
 122. **Figure 113**
 123. **Figure 114**
 124. **Figure 115**
 125. **Figure 116**
 126. **Figure 117**
 127. **Figure 118**
 128. **Figure 119**
 129. **Figure 120**
 130. **Figure 121**
 131. **Figure 122**
 132. **Figure 123**
 133. **Figure 124**
 134. **Figure 125**
 135. **Figure 126**
 136. **Figure 127**
 137. **Figure 128**
 138. **Figure 129**
 139. **Figure 130**
 140. **Figure 131**
 141. **Figure 132**
 142. **Figure 133**
 143. **Figure 134**
 144. **Figure 135**
 145. **Figure 136**
 146. **Figure 137**
 147. **Figure 138**
 148. **Figure 139**
 149. **Figure 140**
 150. **Figure 141**
 151. **Figure 142**
 152. **Figure 143**
 153. **Figure 144**
 154. **Figure 145**
 155. **Figure 146**
 156. **Figure 147**
 157. **Figure 148**
 158. **Figure 149**
 159. **Figure 150**
 160. **Figure 151**
 161. **Figure 152**
 162. **Figure 153**
 163. **Figure 154**
 164. **Figure 155**
 165. **Figure 156**
 166. **Figure 157**
 167. **Figure 158**
 168. **Figure 159**
 169. **Figure 160**
 170. **Figure 161**
 171. **Figure 162**
 172. **Figure 163**
 173. **Figure 164**
 174. **Figure 165**
 175. **Figure 166**
 176. **Figure 167**
 177. **Figure 168**
 178. **Figure 169**
 179. **Figure 170**
 180. **Figure 171**
 181. **Figure 172**
 182. **Figure 173**
 183. **Figure 174**
 184. **Figure 175**
 185. **Figure 176**
 186. **Figure 177**
 187. **Figure 178**
 188. **Figure 179**
 189. **Figure 180**
 190. **Figure 181**
 191. **Figure 182**
 192. **Figure 183**
 193. **Figure 184**
 194. **Figure 185**
 195. **Figure 186**
 196. **Figure 187**
 197. **Figure 188**
 198. **Figure 189**
 199. **Figure 190**
 200. **Figure 191**
 201. **Figure 192**
 202. **Figure 193**
 203. **Figure 194**
 204. **Figure 195**
 205. **Figure 196**
 206. **Figure 197**
 207. **Figure 198**
 208. **Figure 199**
 209. **Figure 200**
 210. **Figure 201**
 211. **Figure 202**
 212. **Figure 203**
 213. **Figure 204**
 214. **Figure 205**
 215. **Figure 206**
 216. **Figure 207**
 217. **Figure 208**

100

The new version of *Journal of Health Politics, Policy and Law* is a peer-reviewed journal of research and analysis on health policy and politics. The journal is published quarterly by the American Public Health Association (APHA) and the American Society of Health Policy Analysts (ASHPA). The journal is a leading source of information on health policy and politics for scholars, policymakers, and the public. The journal is a multidisciplinary journal, publishing research from a variety of disciplines, including political science, sociology, economics, and public health. The journal is a leading source of information on health policy and politics for scholars, policymakers, and the public. The journal is a multidisciplinary journal, publishing research from a variety of disciplines, including political science, sociology, economics, and public health.

India:— (1) Maintained by the State for the general population ; (2) Special institutions also maintained by the State ; (3) Local fund, (4) Private (aided), (5) Private, non-aided, and (6) Railway institutions. The number of hospitals and dispensaries of these different classes open on 31st December 1911, was as follows:—

| | | |
|---------------------|-----|-------------|
| State—Public | ... | 258 |
| State—Special | | |
| Police | ... | 278 |
| Forests and surveys | ... | 7 |
| Canals | ... | 38 |
| Others | ... | 57 |
| Local fund | ... | 2,207 |
| Private, aided | ... | 257 |
| Private, non-aided | ... | 709 |
| Railway | ... | 317 |
| Total | ... | <hr/> 4,128 |

The accommodation available and the number of persons treated in all classes of hospitals and dispensaries taken together will be seen from the following table:—

1911

No. of beds:

| | | |
|-------------------|-----|-------------|
| For men | ... | 31,630 |
| For women | ... | 14,019 |
| Indoor patients | ... | 6,02,130 |
| Out-door patients | ... | 3,44,88,627 |

The total number of patients treated in State-Public, local fund and private-aided hospitals and dispensaries in 1911 was made up of 1,53,70,880 men, 54,73,677 women and 73,51,245 children. Special efforts are being made to afford medical aid to women who on account of the customs

of the country have to go without such assistance. A new scheme is being taken in hand to appoint a sufficient number of lady doctors and a special medical service will be created for that purpose. Several hospitals and dispensaries are maintained exclusively for the use of female patients. In 1911 there were 128 State-Public, local fund or private-aided medical institutions for women only. The movement for the provision of medical aid to Indian women was initiated by the Countess of Dufferin in 1885 and that Association has done considerable good especially by making provision for the training of lady doctors, nurses and midwives. The existing medical institutions have been started and are maintained by the State, local bodies, Indian philanthropists and missionary societies. Their number is steadily increasing as the mass of people are coming to appreciate the value of the modern dispensaries and hospitals. Taking the State-Public, local fund and private-aided institutions together, we find that their total income in 1911 was nearly Rs. 1,30,50,000. Of this amount, more than a third was contributed by Government in the form of salaries or otherwise, more than a third came from local and municipal funds and the rest was derived from subscriptions and other sources. Lunatic asylums in India are all under Government management and are now administered under the Indian Lunacy Act of 1912. The proportion of the insanes in this country is comparatively small. The majority of these being harmless, are taken care of by their friends ; only the destitute and the dangerous are sent to the asylums. The number of persons admitted and readmitted in 1911 was rather large in comparison with previous years, viz. 1797, the total number of the inmates in that year being 6,052 as against 4,758 in 1901. Leper Asylums are similarly maintained in various parts of the country, and the total number of lepers in the whole of India disclosed by the recent census was 1,09,094.

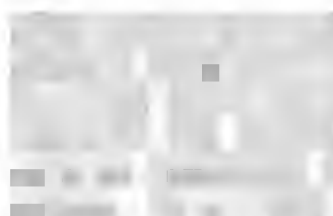


Figure 1. A small, dark, rectangular image, possibly a photograph or a scan of a document page, showing indistinct shapes and colors.

The first part of the paper discusses the importance of the information system in the context of the information system.

The second part of the paper discusses the importance of the information system in the context of the information system.

The third part of the paper discusses the importance of the information system in the context of the information system.

The fourth part of the paper discusses the importance of the information system in the context of the information system.

The fifth part of the paper discusses the importance of the information system in the context of the information system.

The sixth part of the paper discusses the importance of the information system in the context of the information system.

The seventh part of the paper discusses the importance of the information system in the context of the information system.

The eighth part of the paper discusses the importance of the information system in the context of the information system.

The ninth part of the paper discusses the importance of the information system in the context of the information system.

The tenth part of the paper discusses the importance of the information system in the context of the information system.

The eleventh part of the paper discusses the importance of the information system in the context of the information system.

The twelfth part of the paper discusses the importance of the information system in the context of the information system.

The thirteenth part of the paper discusses the importance of the information system in the context of the information system.

The fourteenth part of the paper discusses the importance of the information system in the context of the information system.

The fifteenth part of the paper discusses the importance of the information system in the context of the information system.

The sixteenth part of the paper discusses the importance of the information system in the context of the information system.

The seventeenth part of the paper discusses the importance of the information system in the context of the information system.

The eighteenth part of the paper discusses the importance of the information system in the context of the information system.

The nineteenth part of the paper discusses the importance of the information system in the context of the information system.

The twentieth part of the paper discusses the importance of the information system in the context of the information system.

The twenty-first part of the paper discusses the importance of the information system in the context of the information system.

The twenty-second part of the paper discusses the importance of the information system in the context of the information system.

The twenty-third part of the paper discusses the importance of the information system in the context of the information system.

The twenty-fourth part of the paper discusses the importance of the information system in the context of the information system.

The twenty-fifth part of the paper discusses the importance of the information system in the context of the information system.

The twenty-sixth part of the paper discusses the importance of the information system in the context of the information system.

The twenty-seventh part of the paper discusses the importance of the information system in the context of the information system.

The twenty-eighth part of the paper discusses the importance of the information system in the context of the information system.

The twenty-ninth part of the paper discusses the importance of the information system in the context of the information system.

The thirtieth part of the paper discusses the importance of the information system in the context of the information system.

The thirty-first part of the paper discusses the importance of the information system in the context of the information system.

The thirty-second part of the paper discusses the importance of the information system in the context of the information system.

The thirty-third part of the paper discusses the importance of the information system in the context of the information system.

of the country have to go without such assistance. A new scheme is being taken in hand to appoint a sufficient number of lady doctors and a special medical service will be created for that purpose. Several hospitals and dispensaries are maintained exclusively for the use of female patients. In 1911 there were 128 State-Public, local fund or private-aided medical institutions for women only. The movement for the provision of medical aid to Indian women was initiated by the Countess of Dufferin in 1885 and that Association has done considerable good especially by making provision for the training of lady doctors, nurses and midwives. The existing medical institutions have been started and are maintained by the State, local bodies, Indian philanthropists and missionary societies. Their number is steadily increasing as the mass of people are coming to appreciate the value of the modern dispensaries and hospitals. Taking the State-Public, local fund and private-aided institutions together, we find that their total income in 1911 was nearly Rs. 1,30,50,000. Of this amount, more than a third was contributed by Government in the form of salaries or otherwise, more than a third came from local and municipal funds and the rest was derived from subscriptions and other sources. Lunatic asylums in India are all under Government management and are now administered under the Indian Lunacy Act of 1912. The proportion of the insanes in this country is comparatively small. The majority of these being harmless, are taken care of by their friends ; only the destitute and the dangerous are sent to the asylums. The number of persons admitted and readmitted in 1911 was rather large in comparison with previous years, viz. 1797, the total number of the inmates in that year being 6,052 as against 4,758 in 1901. Leper Asylums are similarly maintained in various parts of the country, and the total number of lepers in the whole of India disclosed by the recent census was 1,09,094.

Medical officers are of three grades, those of the Indian Medical Service, the civil and military Assistant Surgeons and Hospital Assistants. The Indian Medical Service is primarily a military service but a majority of its members hold civil appointments. This arrangement is convenient from the military point of view as it ensures a reserve of officers competent to accompany the army in time of war; though the military duties of the I. M. S. are confined the Native Army, medical duties in connection with European troops being performed by the Royal Army Medical Corps. The Civil Assistant Surgeons are the product of the medical colleges and possess a university degree or diploma. They are placed in charge of minor hospitals and dispensaries. The third class of medical officers, the Civil Hospital Assistants, are trained in the medical schools which exist in the various parts of the country, and are employed in minor dispensaries. 'There are four colleges which afford the course for university degrees, and also train military assistant surgeons. During the year the students numbered 1,553 civil and private male, 93 female and 204 military students. There are fourteen schools which train civil, military and private pupils for the passing out diploma. The students numbered 1,865 male, civil and private, 287 military and 135 females.'* In Bombay we have the Grant Medical College which had, in 1911-12, 531 students of whom 20 were women and 35 belonged to the military class. There were Medical Schools at Hyderabad, Poona and Ahmedabad having 54, 124 and 131 students respectively. The Director General, Indian Medical Service, is the head of the Indian Medical Department and has the rank of Surgeon General, the Army medical organization being quite distinct. Since 1904 there is a separate Sanitary Commissioner with the Government of India, but before that time this duty was also performed by the

* Report on Sanitary Measures in India in 1911-12.

Medical officers are of three grades, those of the Indian Medical Service, the civil and military Assistant Surgeons and Hospital Assistants. The Indian Medical Service is primarily a military service but a majority of its members hold civil appointments. This arrangement is convenient from the military point of view as it ensures a reserve of officers competent to accompany the army in time of war, though the military duties of the I. M. S. are confined to the Native Army, medical duties in connection with European troops being performed by the Royal Army Medical Corps. The Civil Assistant Surgeons are the product of the medical colleges and possess a university degree or diploma. They are placed in charge of minor hospitals and dispensaries. The third class of medical officers, the Civil Hospital Assistants, are trained in the medical schools which exist in the various parts of the country, and are employed in minor dispensaries. There are four colleges which afford the course for university degrees, and also train military assistant surgeons. During the year the students numbered 1,553 civil and private male, 93 female and 204 military students. There are fourteen schools which train civil, military and private pupils for the passing out diploma. The students numbered 1,865 male, civil and private, 287 military and 135 females.* In Bombay we have the Grant Medical College which had, in 1911-12, 531 students of whom 20 were women and 35 belonged to the military class. There were Medical Schools at Hyderabad, Poona and Ahmedabad having 54, 124 and 131 students respectively. The Director General, Indian Medical Service, is the head of the Indian Medical Department and has the rank of Surgeon General, the Army medical organization being quite distinct. Since 1904 there is a separate Sanitary Commissioner with the Government of India, but before that time this duty was also performed by the

* Report on Sanitary Measures in India in 1911-12.

head of the Medical Department. The medical and sanitary administration in each province is under the control of the Local Government whose principal advisers are an Inspector General of Civil Hospitals or a Surgeon General as in Madras and Bombay, and a Sanitary Commissioner. In the smaller provinces the two offices are combined. The medical and sanitary arrangements of the district are under the charge of the Civil Surgeon. Every district has a hospital at the head-quarters while dispensaries are maintained at the smaller towns.

The statistics published in Government reports of births and deaths and the causes of death are admittedly unreliable. Numerous births are unreported and unregistered while on account of the ignorance of the people, cause of death cannot be accurately known. The figures given in the reports have, therefore, to be taken with considerable reserve. It seems that a correct analysis of public health statistics can not be made or made to any advantage unless some better system of registration is devised. We have, however, to make the best of the statistics that are available. The ratio of births per 1,000 of the population under registration was 38.6 for the whole of British India, while the ratio of deaths from all causes per 1,000 of the population was 32 for the same year. Fevers take a very heavy toll of life in India, the rate per thousand being as high as 19. Among fevers malaria claims the place of honour, being responsible for more deaths than any other disease. It is estimated that every year it takes away alone no less than 10 lakhs of victims. The inaccuracy of the figures may be judged from the report that an inquiry made in one area showed that deaths attributed in the registers to 'fevers' included cases of melancholia, senility and drowning ! Infant mortality in India is alarmingly large and is now engaging the serious attention of Government and people. In Bombay city, the ratio of mortality among infants.

head of the Medical Department. The medical and sanitary administration in each province is under the control of the Local Government whose principal advisers are an Inspector General of Civil Hospitals or a Surgeon General as in Madras and Bombay, and a Sanitary Commissioner. In the smaller provinces the two offices are combined. The medical and sanitary arrangements of the district are under the charge of the Civil Surgeon. Every district has a hospital at the head-quarters while dispensaries are maintained at the smaller towns.

The statistics published in Government reports of births and deaths and the causes of death are admittedly unreliable. Numerous births are unreported and unregistered while on account of the ignorance of the people, cause of death cannot be accurately known. The figures given in the reports have, therefore, to be taken with considerable reserve. It seems that a correct analysis of public health statistics can not be made or made to any advantage unless some better system of registration is devised. We have, however, to make the best of the statistics that are available. The ratio of births per 1,000 of the population under registration was 38.6 for the whole of British India, while the ratio of deaths from all causes per 1,000 of the population was 32 for the same year. Fevers take a very heavy toll of life in India, the rate per thousand being as high as 19. Among fevers malaria claims the place of honour, being responsible for more deaths than any other disease. It is estimated that every year it takes away alone no less than 10 lakhs of victims. The inaccuracy of the figures may be judged from the report that an inquiry made in one area showed that deaths attributed in the registers to 'fevers' included cases of melancholia, senility and drowning ! Infant mortality in India is alarmingly large and is now engaging the serious attention of Government and people. In Bombay city, the ratio of mortality among infants.

was in 1911, 382.5 per 1,000. Elaborate measures are being taken to repel the ravages of malaria. It is now 17 years since plague made its first appearance in Bombay and by this time it has accounted for more than 80 lakhs of deaths. During all these years strenuous efforts have been made to drive away and restrict the spread of the disease. But most of them failed, especially in the earlier part of the career of the epidemic. Careful inquiries were, however, instituted and much useful knowledge has now been obtained as to the causes and spread of the disease. Inoculation, which is becoming more popular every day, is recognized as an effective measure of protection against plague and the discovery of the mode of infection and its conveyance through the rat flea has resulted in a considerable saving of life. The plague problem has not, however, been completely solved and science is yet unable satisfactorily to answer certain questions connected therewith. Mortality from small-pox is comparatively small and vaccination has been made compulsory in large areas.

It is coming to be widely recognized that poverty and ignorance are very largely responsible for the prevalence of disease in India. In this matter the over-crowded cities, the towns and rural areas all require careful attention. Defective systems of drainage or a total absence of a system, the lack of an adequate supply of pure water and a lamentable ignorance among the mass of people in the matter of personal and domestic hygiene are the chief causes of the present unsatisfactory state of things. The hopeful feature in the situation, however, is that a 'Sanitary awakening' has come over India in this matter. Sanitary reform received its first impetus from the investigations of the Royal Commission whose report on the sanitary condition of the Army in India was published in 1863. Since then the subject has received much attention at

was in 1911, 382.5 per 1,000. Elaborate measures are being taken to repel the ravages of malaria. It is now 17 years since plague made its first appearance in Bombay and by this time it has accounted for more than 80 lakhs of deaths. During all these years strenuous efforts have been made to drive away and restrict the spread of the disease. But most of them failed, especially in the earlier part of the career of the epidemic. Careful inquiries were, however, instituted and much useful knowledge has now been obtained as to the causes and spread of the disease. Inoculation, which is becoming more popular every day, is recognized as an effective measure of protection against plague and the discovery of the mode of infection and its conveyance through the rat flea has resulted in a considerable saving of life. The plague problem has not, however, been completely solved and science is yet unable satisfactorily to answer certain questions connected therewith. Mortality from small-pox is comparatively small and vaccination has been made compulsory in large areas.

It is coming to be widely recognized that poverty and ignorance are very largely responsible for the prevalence of disease in India. In this matter the over-crowded cities, the towns and rural areas all require careful attention. Defective systems of drainage or a total absence of a system, the lack of an adequate supply of pure water and a lamentable ignorance among the mass of people in the matter of personal and domestic hygiene are the chief causes of the present unsatisfactory state of things. The hopeful feature in the situation, however, is that a 'Sanitary awakening' has come over India in this matter. Sanitary reform received its first impetus from the investigations of the Royal Commission whose report on the sanitary condition of the Army in India was published in 1863. Since then the subject has received much attention at

the hands of the Government of India. In pursuance of the policy of the Supreme Government, orders were issued in 1888, for the establishment in each province of a Sanitary Board invested with powers to control the sanitary work of municipalities and district boards. The Plague Commission of 1898 thus described the arrangements then in force:—
“The office of Sanitary Commissioner with the Government of India is combined with that of Director General of the Indian Medical Service. The officer who holds these combined offices, as Sanitary Commissioner advises the Government of India on sanitary matters. He makes tours of inspection, in the course of which he inquires into sanitary questions. His reports are made to the Government of India, by which all directions regarding sanitary matters are given to the local Governments. Except through this channel, he has no authority over officials in the Sanitary Department serving under any of the local Governments. These latter exercise entire control over Sanitary Commissioners and Deputy Sanitary Commissioners serving under them. Under the local Governments in Madras, Bombay, Bengal, North Western (United) Provinces and the Punjab, there is a Sanitary Commissioner who is a member of the Indian Medical Service. These officers are charged with the duties of advising the local Governments on all Sanitary matters, of inquiring into all outbreaks of epidemic diseases, of controlling all operations connected with vaccination in their provinces ; and of supervising the registration of vital statistics within them. In each of the other provinces the duties of Sanitary Commissioner are undertaken, in combination with those of the supervision of civil hospitals by the Inspector General of civil Hospitals. Under the Sanitary Commissioners in the larger provinces there are a varying number of Deputy Sanitary Commissioners. The largest number, viz. 5 are employed in the Bombay Presidency. The districts supervised by the Deputy Sanitary Commissioners are in all cases so extensive

the hands of the Government of India. In pursuance of the policy of the Supreme Government, orders were issued in 1888, for the establishment in each province of a Sanitary Board invested with powers to control the sanitary work of municipalities and district boards. The Plague Commission of 1898 thus described the arrangements then in force:—
“The office of Sanitary Commissioner with the Government of India is combined with that of Director General of the Indian Medical Service. The officer who holds these combined offices, as Sanitary Commissioner advises the Government of India on sanitary matters. He makes tours of inspection, in the course of which he inquires into sanitary questions. His reports are made to the Government of India, by which all directions regarding sanitary matters are given to the local Governments. Except through this channel, he has no authority over officials in the Sanitary Department serving under any of the local Governments. These latter exercise entire control over Sanitary Commissioners and Deputy Sanitary Commissioners serving under them. Under the local Governments in Madras, Bombay, Bengal, North Western (United) Provinces and the Punjab, there is a Sanitary Commissioner who is a member of the Indian Medical Service. These officers are charged with the duties of advising the local Governments on all Sanitary matters, of inquiring into all outbreaks of epidemic diseases, of controlling all operations connected with vaccination in their provinces ; and of supervising the registration of vital statistics within them. In each of the other provinces the duties of Sanitary Commissioner are undertaken, in combination with those of the supervision of civil hospitals by the Inspector General of civil Hospitals. Under the Sanitary Commissioners in the larger provinces there are a varying number of Deputy Sanitary Commissioners. The largest number, viz. 5 are employed in the Bombay Presidency. The districts supervised by the Deputy Sanitary Commissioners are in all cases so extensive

[illegible]

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making any necessary adjustments. The final step is to evaluate the results. This involves checking to see if the problem has been solved and if the solution was effective.

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making any necessary adjustments. The final step is to evaluate the results. This involves assessing the effectiveness of the solution and determining if any further action is needed.

[illegible]

1000

that it is not possible for a Deputy Sanitary Commissioner to visit in any one year more than a small number of the villages which call for inspection. In all provinces excepting Bombay, the Civil Surgeon, who is the Medical officer of the District or unit of civil administration within a province under the charge of a Collector, has also to undertake the duties of Health Officer of the District to advise the local civil authorities on all matters connected with sanitation. The Civil Surgeon of a District in the Bombay Presidency is not required to undertake these duties. As a rule, no subordinate establishments are separately entertained within a district for sanitary duties, but the establishments employed in the conduct and inspection of vaccination are utilized also in sanitary work.

“ Outside the Sanitary Department there are under the different local Governments, Sanitary Boards composed of a varying number of members belonging to the medical, sanitary, civil engineering and civil branches of the Government's Services with some non-official members. All the larger measures of sanitary improvement, such as projects for improvements in water supply, have to be considered by these Boards before they are undertaken. In the presidency towns of Calcutta, Bombay and Madras, European health officers are employed by the municipal corporations. These officers are sometimes selected from the Indian Medical Service and sometimes not. They are directly subject to the authority of the municipal corporation by which they are employed. A few separate health officers, who may or may not be members of the Indian Medical Service, are employed also by other large municipalities to which they are directly responsible. But as a general rule, a municipality does not employ a separate Health Officer, but is entitled by regulation to the services and advice of the Civil Surgeon in his capacity as such. This rule, however, is not followed in the Bombay Presidency, the Civil Surgeon there having no res-

that it is not possible for a Deputy Sanitary Commissioner to visit in any one year more than a small number of the villages which call for inspection. In all provinces excepting Bombay, the Civil Surgeon, who is the Medical officer of the District or unit of civil administration within a province under the charge of a Collector, has also to undertake the duties of Health Officer of the District to advise the local civil authorities on all matters connected with sanitation. The Civil Surgeon of a District in the Bombay Presidency is not required to undertake these duties. As a rule, no subordinate establishments are separately entertained within a district for sanitary duties, but the establishments employed in the conduct and inspection of vaccination are utilized also in sanitary work.

“ Outside the Sanitary Department there are under the different local Governments, Sanitary Boards composed of a varying number of members belonging to the medical, sanitary, civil engineering and civil branches of the Government's Services with some non-official members. All the larger measures of sanitary improvement, such as projects for improvements in water supply, have to be considered by these Boards before they are undertaken. In the presidency towns of Calcutta, Bombay and Madras, European health officers are employed by the municipal corporations. These officers are sometimes selected from the Indian Medical Service and sometimes not. They are directly subject to the authority of the municipal corporation by which they are employed. A few separate health officers, who may or may not be members of the Indian Medical Service, are employed also by other large municipalities to which they are directly responsible. But as a general rule, a municipality does not employ a separate Health Officer, but is entitled by regulation to the services and advice of the Civil Surgeon in his capacity as such. This rule, however, is not followed in the Bombay Presidency, the Civil Surgeon there having no res-

possibilities in connection with municipalities. In the chief ports, Port Health Officers are employed under the orders of the Local Governments to supervise the arrangements connected with the granting of bills of health and similar matters."

It has been already stated that in 1904 the office of Sanitary Commissioner with the Government of India was separated from that of Director General, Indian Medical Service.* Three years later the Government of India made certain proposals about sanitary reform, providing, for instance, at least one whole-time health officer for every town with over 1,00,000 inhabitants and of a medical officer of health for towns having between 20,000 and 1,00,000 inhabitants. The scheme was favourably received by the local Governments and it was further developed by the Government of India. It provided for the appointment of health officers of two grades for the larger and the smaller towns and of sanitary inspectors. The Government of India offered to assist the local Governments to carry out this scheme in their provinces if they were unable to meet the additional charges from local revenues. A Resolution issued by the Government of Bombay on 28th May, 1913 on this subject, stated :— " In 1908, the Government of Bombay appointed a Committee to consider and report on the scheme of the Government of India for improving the Sanitary Service in India. The report of the

* Owing to certain disadvantages arising from the complete separation of the two appointments, the arrangement was revised and it was decided in 1912 to revive the separate appointment (the two had been temporarily combined in 1911 owing to the vacancy of the office of the Director General) with modified functions and status. The Sanitary Commissioner became, under this arrangement, to a certain extent subordinate to the Director General and was at the same time relieved of some of his duties.

possibilities in connection with municipalities. In the chief ports, Port Health Officers are employed under the orders of the Local Governments to supervise the arrangements connected with the granting of bills of health and similar matters."

It has been already stated that in 1904 the office of Sanitary Commissioner with the Government of India was separated from that of Director General, Indian Medical Service.* Three years later the Government of India made certain proposals about sanitary reform, providing, for instance, at least one whole-time health officer for every town with over 1,00,000 inhabitants and of a medical officer of health for towns having between 20,000 and 1,00,000 inhabitants. The scheme was favourably received by the local Governments and it was further developed by the Government of India. It provided for the appointment of health officers of two grades for the larger and the smaller towns and of sanitary inspectors. The Government of India offered to assist the local Governments to carry out this scheme in their provinces if they were unable to meet the additional charges from local revenues. A Resolution issued by the Government of Bombay on 28th May, 1913 on this subject, stated :— " In 1908, the Government of Bombay appointed a Committee to consider and report on the scheme of the Government of India for improving the Sanitary Service in India. The report of the

* Owing to certain disadvantages arising from the complete separation of the two appointments, the arrangement was revised and it was decided in 1912 to revive the separate appointment (the two had been temporarily combined in 1911 owing to the vacancy of the office of the Director General) with modified functions and status. The Sanitary Commissioner became, under this arrangement, to a certain extent subordinate to the Director General and was at the same time relieved of some of his duties.

the first of these is the fact that the majority of the information sources are not available in the form of a single, unified database. This is a significant problem because it means that the user must search multiple sources in order to find the information they need. This is a time-consuming and often frustrating process.

The second major problem is the lack of standardisation in the way that information is presented. This means that the user must learn the format of each source in order to be able to use it. This is a significant barrier to the use of information sources, particularly for those who are not familiar with the format. The third major problem is the lack of integration between the different sources. This means that the user must search each source separately in order to find the information they need. This is a time-consuming and often frustrating process.

The fourth major problem is the lack of control over the information sources. This means that the user must rely on the discretion of the information provider in order to find the information they need. This is a significant barrier to the use of information sources, particularly for those who are not familiar with the provider.

The fifth major problem is the lack of security of the information sources. This means that the user must rely on the discretion of the information provider in order to find the information they need. This is a significant barrier to the use of information sources, particularly for those who are not familiar with the provider.

The sixth major problem is the lack of reliability of the information sources. This means that the user must rely on the discretion of the information provider in order to find the information they need. This is a significant barrier to the use of information sources, particularly for those who are not familiar with the provider.

The seventh major problem is the lack of accessibility of the information sources. This means that the user must rely on the discretion of the information provider in order to find the information they need. This is a significant barrier to the use of information sources, particularly for those who are not familiar with the provider.

The eighth major problem is the lack of interoperability of the information sources. This means that the user must rely on the discretion of the information provider in order to find the information they need. This is a significant barrier to the use of information sources, particularly for those who are not familiar with the provider.

The ninth major problem is the lack of portability of the information sources. This means that the user must rely on the discretion of the information provider in order to find the information they need. This is a significant barrier to the use of information sources, particularly for those who are not familiar with the provider.

The tenth major problem is the lack of scalability of the information sources. This means that the user must rely on the discretion of the information provider in order to find the information they need. This is a significant barrier to the use of information sources, particularly for those who are not familiar with the provider.

The eleventh major problem is the lack of flexibility of the information sources. This means that the user must rely on the discretion of the information provider in order to find the information they need. This is a significant barrier to the use of information sources, particularly for those who are not familiar with the provider.

Committee included a detailed scheme for the appointment of Health Officers and Sanitary Inspectors to municipalities according to a scale based on considerations of population and income. In view, however, of the considerable financial responsibility which the scheme, as then propounded, would have imposed on these bodies, the Bombay Government were not at the time prepared to press its adoption upon them. Since then, however, the Imperial Government have... offered, subject to certain conditions, to bear half the cost of the entertainment of the Health Officers appointed under the scheme while this Government has agreed to bear one third of the remaining cost in the case of Health Officers and the same proportion of the entire cost in the case of Sanitary Inspectors. The share of the cost devolving on the municipalities which accept the scheme will thus be one-third as regards Health Officers and two thirds in the case of Sanitary Inspectors. This liberal measure of assistance will, it is believed, place the adoption of the scheme within the financial reach of most of the municipalities to which it is applicable and the Governor-in-Council desires, therefore, that these bodies should now be asked to proceed as early as practicable, to its practical consideration with a view to the formulation of definite proposals for its application to their respective requirements." The Resolution then goes on to note briefly the conditions as regards the appointment and salaries of the Health Officers and Inspectors and to give a list of the municipal towns to which the scheme is applicable.

The problem of urban sanitation is thus being tackled in a systematic way. Vast improvements have already been made in the Presidency towns in the matter of drainage and water supply. Overcrowded parts are being relieved of their congestion by the construction of new thoroughfares, the demolition of insanitary areas and the construction of sanitary quarters for the labouring classes. The Bombay

Committee included a detailed scheme for the appointment of Health Officers and Sanitary Inspectors to municipalities according to a scale based on considerations of population and income. In view, however, of the considerable financial responsibility which the scheme, as then propounded, would have imposed on these bodies, the Bombay Government were not at the time prepared to press its adoption upon them. Since then, however, the Imperial Government have... offered, subject to certain conditions, to bear half the cost of the entertainment of the Health Officers appointed under the scheme while this Government has agreed to bear one third of the remaining cost in the case of Health Officers and the same proportion of the entire cost in the case of Sanitary Inspectors. The share of the cost devolving on the municipalities which accept the scheme will thus be one-third as regards Health Officers and two thirds in the case of Sanitary Inspectors. This liberal measure of assistance will, it is believed, place the adoption of the scheme within the financial reach of most of the municipalities to which it is applicable and the Governor-in-Council desires, therefore, that these bodies should now be asked to proceed as early as practicable, to its practical consideration with a view to the formulation of definite proposals for its application to their respective requirements." The Resolution then goes on to note briefly the conditions as regards the appointment and salaries of the Health Officers and Inspectors and to give a list of the municipal towns to which the scheme is applicable.

The problem of urban sanitation is thus being tackled in a systematic way. Vast improvements have already been made in the Presidency towns in the matter of drainage and water supply. Overcrowded parts are being relieved of their congestion by the construction of new thoroughfares, the demolition of insanitary areas and the construction of sanitary quarters for the labouring classes. The Bombay

Improvement Trust, for example, was constituted in 1898 for this same purpose. The Board of the Trust consists of members elected by the Corporation and the commercial bodies, and nominated by Government. Its revenue is derived from an annual contribution from the Corporation and the income received from the vast property assigned to it by Government. The operations of the Trust are visible on all hands in Bombay, and the wide roads, systematically constructed buildings and the new sites developed testify to the work done by it. In the smaller towns drainage and water supply works are being gradually undertaken and they are receiving liberal assistance from Government. We cannot here deal with the sanitary works undertaken or contemplated in the various cities and must refer the reader to the Reports on Sanitary Measures in India published annually. He will there find also an instructive account of the research work that is being done at various centres. The lively interest that is being taken in the subject is also evidenced by the proceedings of the All India Sanitary Conferences the first of which was held at Bombay in 1911 and the second at Madras in 1912. Rural sanitation is, however, the hardest nut to crack. The income of the local boards is too small to allow any adequate out-lay on water supply and drainage works. The absence of these is mainly responsible for sickness and mortality in village areas. In certain provinces such as Bombay, the United Provinces and the Central Provinces there are Village Sanitation Acts providing for carrying out sanitary measures and recovering the cost from the inhabitants by the levy of a cess or otherwise. Little progress seems, however, to have been made in this direction. Speaking of Madras, the Report on Sanitary Measures in India in 1911-12 remarks:— "As regards District Boards, only 42·6 per cent of the assignment for sanitation was spent during the nine months of the year. In respect of all heads,—water supply, drainage conservancy, sanitation in rural areas is said still to be in a most pri-

[illegible]

...the
...the
...the
...the
...the
...the

...the
... ..
... ..
... ..
... ..
... ..
... ..

[illegible]

the following information is provided to the public:

- The name of the person or entity that is the subject of the request.
- The date and time that the request was received.
- The date and time that the request was processed.
- The date and time that the request was closed.
- The date and time that the request was reopened.
- The date and time that the request was deleted.
- The date and time that the request was archived.
- The date and time that the request was restored.
- The date and time that the request was moved.
- The date and time that the request was changed.
- The date and time that the request was deleted.
- The date and time that the request was archived.
- The date and time that the request was restored.
- The date and time that the request was moved.
- The date and time that the request was changed.

...the
... ..
... ..
... ..
... ..

Improvement Trust, for example, was constituted in 1898 for this same purpose. The Board of the Trust consists of members elected by the Corporation and the commercial bodies, and nominated by Government. Its revenue is derived from an annual contribution from the Corporation and the income received from the vast property assigned to it by Government. The operations of the Trust are visible on all hands in Bombay, and the wide roads, systematically constructed buildings and the new sites developed testify to the work done by it. In the smaller towns drainage and water supply works are being gradually undertaken and they are receiving liberal assistance from Government. We cannot here deal with the sanitary works undertaken or contemplated in the various cities and must refer the reader to the Reports on Sanitary Measures in India published annually. He will there find also an instructive account of the research work that is being done at various centres. The lively interest that is being taken in the subject is also evidenced by the proceedings of the All India Sanitary Conferences the first of which was held at Bombay in 1911 and the second at Madras in 1912. Rural sanitation is, however, the hardest nut to crack. The income of the local boards is too small to allow any adequate out-lay on water supply and drainage works. The absence of these is mainly responsible for sickness and mortality in village areas. In certain provinces such as Bombay, the United Provinces and the Central Provinces there are Village Sanitation Acts providing for carrying out sanitary measures and recovering the cost from the inhabitants by the levy of a cess or otherwise. Little progress seems, however, to have been made in this direction. Speaking of Madras, the Report on Sanitary Measures in India in 1911-12 remarks:— "As regards District Boards, only 42·6 per cent of the assignment for sanitation was spent during the nine months of the year. In respect of all heads,—water supply, drainage conservancy, sanitation in rural areas is said still to be in a most pri-

mitive condition, evidence being afforded by the fact that in only one per cent. of 43,994 towns and villages is any thing like conservancy attempted not a single town or village of any size has been provided with either a protected water supply or drainage scheme. The chief obstacle is the want of funds." The aggregate income of these boards was Rs. 68,32,040 in 1910-11, and of this only Rs. 3,52,902 was spent on water supplies and drainage and Rs. 24,640 on other works of improvement.

mitive condition, evidence being afforded by the fact that in only one per cent. of 43,994 towns and villages is any thing like conservancy attempted not a single town or village of any size has been provided with either a protected water supply or drainage scheme. The chief obstacle is the want of funds." The aggregate income of these boards was Rs. 68,32,040 in 1910-11, and of this only Rs. 3,52,902 was spent on water supplies and drainage and Rs. 24,640 on other works of improvement.

| Study | Sample | Findings |
|---------------------|----------------------|--|
| Baker et al. (2006) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2007) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2008) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2009) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2010) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2011) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2012) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2013) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2014) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2015) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2016) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2017) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |
| Baker et al. (2018) | 1,000 women, 100 men | Women with a history of IPV were more likely to report a history of mental health problems than men. |

CHAPTER XIV.

PUBLIC WORKS.

IN 1911-12 the Government of India spent £ 5,127,124 on civil works besides incurring an expenditure of about £ 8 millions on capital account for railways and £1½ million for Irrigation. A programme of railway construction involving an out-lay of 18 crores of rupees every year has been urged on the Government and appears to have been definitely accepted by them. These figures show the magnitude of the public works activities of the State in India which, unlike other states, constructs its own railways and canals and roads. But these large proportions which the building operations of the Government have now assumed are a development of the last half century. Before the middle of the 19th century, the expenditure on public works was chiefly confined to the construction and repair of military buildings such as barracks for soldiers and the making of a few main roads, and the civil buildings were not of much importance. No doubt, the old tanks, canals and embankments had to be kept in order, but the bulk of the expenditure was on military account so that the Public Works Department itself was regarded as a branch of the Army Department. The general superintendence of public works was entrusted to a Military Board for each Presidency. Means of communication were not easy in those days,

CHAPTER XIV.

PUBLIC WORKS.

IN 1911-12 the Government of India spent £ 5,127,124 on civil works besides incurring an expenditure of about £ 8 millions on capital account for railways and £ 1½ million for Irrigation. A programme of railway construction involving an out-lay of 18 crores of rupees every year has been urged on the Government and appears to have been definitely accepted by them. These figures show the magnitude of the public works activities of the State in India which, unlike other states, constructs its own railways and canals and roads. But these large proportions which the building operations of the Government have now assumed are a development of the last half century. Before the middle of the 19th century, the expenditure on public works was chiefly confined to the construction and repair of military buildings such as barracks for soldiers and the making of a few main roads, and the civil buildings were not of much importance. No doubt, the old tanks, canals and embankments had to be kept in order, but the bulk of the expenditure was on military account so that the Public Works Department itself was regarded as a branch of the Army Department. The general superintendence of public works was entrusted to a Military Board for each Presidency. Means of communication were not easy in those days,

as every one knows, and there were few good roads connecting one part of the country with another. From a military point of view, in the opinion of Sir George Chesney, this state of things was a great advantage in as much as the want of roads taught Indian armies how to do without them, and afforded them excellent training in campaigning. To Mr. Thomson, Lieutenant Governor of the North West Provinces from 1843 to 1853, is given the credit of having perceived the importance of good roads and taken the initiative in the construction of good metalled roads to connect the different large cities through-out his jurisdiction. A trunk road to connect Calcutta with the Upper Provinces was undertaken about the same time, and Lord Dalhousie, who realized the value of good roads as few people then did, on military and other grounds, pushed on vigorously the development of the newly annexed province of Punjab on similar lines. So late as the year 1849-50, the total expenditure on public works amounted to only about Rs. 35 lakhs. Till the year 1854, the work of this department was regulated by the presidential system under which it was divided into three branches corresponding to the three Indian armies. But the adoption of the policy of constructing railways by the agency of private companies under a system of Government guarantee and the importance of the irrigation works undertaken by the State itself in Northern India and Madras, led to the construction in 1855 of a special department of public works in the Government of India, with subordinate departments for Madras and Bombay. In the latter, public works affairs were removed from the control of the local Military Board and constituted a branch of the ordinary civil administration. Now the expenditure on public works steadily increased; in 1853-54 it was about a crore of rupees and five years later more than four crores. For many years after this the whole expenditure upon public works, excluding the capital of the guaranteed railways, was provided out of the current income of the year. This

as every one knows, and there were few good roads connecting one part of the country with another. From a military point of view, in the opinion of Sir George Chesney, this state of things was a great advantage in as much as the want of roads taught Indian armies how to do without them, and afforded them excellent training in campaigning. To Mr. Thomson, Lieutenant Governor of the North West Provinces from 1843 to 1853, is given the credit of having perceived the importance of good roads and taken the initiative in the construction of good metalled roads to connect the different large cities through-out his jurisdiction. A trunk road to connect Calcutta with the Upper Provinces was undertaken about the same time, and Lord Dalhousie, who realized the value of good roads as few people then did, on military and other grounds, pushed on vigorously the development of the newly annexed province of Punjab on similar lines. So late as the year 1849-50, the total expenditure on public works amounted to only about Rs. 35 lakhs. Till the year 1854, the work of this department was regulated by the presidential system under which it was divided into three branches corresponding to the three Indian armies. But the adoption of the policy of constructing railways by the agency of private companies under a system of Government guarantee and the importance of the irrigation works undertaken by the State itself in Northern India and Madras, led to the construction in 1855 of a special department of public works in the Government of India, with subordinate departments for Madras and Bombay. In the latter, public works affairs were removed from the control of the local Military Board and constituted a branch of the ordinary civil administration. Now the expenditure on public works steadily increased; in 1853-54 it was about a crore of rupees and five years later more than four crores. For many years after this the whole expenditure upon public works, excluding the capital of the guaranteed railways, was provided out of the current income of the year. This

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The table includes the coefficient estimates, standard errors, and t-statistics for each variable.

| Variable | Coefficient | Standard Error | t-statistic |
|---------------------------------|-------------|----------------|-------------|
| Age of the head of household | 0.001 | 0.000 | 1.2 |
| Gender of the head of household | 0.002 | 0.001 | 1.5 |
| Constant | 1.500 | 0.100 | 15.0 |

1. *Journal of the American Medical Association*, 277: 1005-1006, 1997.

[illegible][illegible][illegible][illegible][illegible]

policy was given up in 1867-68 when it was decided to raise by loans the funds required for 'extraordinary' public works as distinguished from works which could be paid for out of the current revenues. The same policy was adopted when later on the State began to construct railways by its own agency. In 1879, the epithet of 'productive' was substituted for that of 'extraordinary' public works and the whole system was revised. A limit was placed upon the amount to be borrowed for public works, and productive works were strictly limited to works which were calculated to prove remunerative. The ordinary public works were paid for out of the current revenue and later on Rs. 1½ crore were set aside annually for 'protective' works as a safeguard against famine.

The meagre provision for public works during the first half of the last century has been referred to above. 'Compared with our Mahomedan predecessors we had nothing to show for our dynasty; and it was not inaptly remarked that if we were obliged to quit the country, there would remain no token of our rule but empty soda water bottles. The Court of Directors became at length fully alive to the scandal of this neglect, and ordered a commission of inquiry to be appointed at each Presidency. It was on the receipt of their report that Lord Dalhousie proceeded to reorganize the system, root and branch.* The railway system in India dates from the time of Lord Dalhousie and to him is due the plan of the great trunk lines which now join the farthest corners of the country. No doubt, the question had been under discussion and in 1843 proposals had been made to construct railways in India by private enterprise. Nothing, however, was done during the next six years, and it was not till the year 1849 that the system of supporting private companies by a Government guarantee was adopted.

* Marshman's History of India.

policy was given up in 1867-68 when it was decided to raise by loans the funds required for 'extraordinary' public works as distinguished from works which could be paid for out of the current revenues. The same policy was adopted when later on the State began to construct railways by its own agency. In 1879, the epithet of 'productive' was substituted for that of 'extraordinary' public works and the whole system was revised. A limit was placed upon the amount to be borrowed for public works, and productive works were strictly limited to works which were calculated to prove remunerative. The ordinary public works were paid for out of the current revenue and later on Rs. 1½ crore were set aside annually for 'protective' works as a safeguard against famine.

The meagre provision for public works during the first half of the last century has been referred to above. 'Compared with our Mahomedan predecessors we had nothing to show for our dynasty; and it was not inaptly remarked that if we were obliged to quit the country, there would remain no token of our rule but empty soda water bottles. The Court of Directors became at length fully alive to the scandal of this neglect, and ordered a commission of inquiry to be appointed at each Presidency. It was on the receipt of their report that Lord Dalhousie proceeded to reorganize the system, root and branch.* The railway system in India dates from the time of Lord Dalhousie and to him is due the plan of the great trunk lines which now join the farthest corners of the country. No doubt, the question had been under discussion and in 1843 proposals had been made to construct railways in India by private enterprise. Nothing, however, was done during the next six years, and it was not till the year 1849 that the system of supporting private companies by a Government guarantee was adopted.

* Marshman's History of India.

and the first sod of the Great Indian Peninsula Railway was turned at Bombay in 1850. About the same time, was commenced the East Indian Railway which starts from Calcutta. Three stages may be distinguished in the history of railway construction in India. The early lines upto 1869 were constructed upon the guarantee principle. That is to say, the Government guaranteed interest at the rate of 5 per cent. on all share capital raised with its consent by the joint stock company and at a lower rate on debenture capital. The lines were to be constructed and worked by the companies subject to the supervision of Government and subject to other conditions. Government had the option of purchasing the undertakings at certain specified dates and by now the State has become the owner of the greater part of the Indian railway system. The guarantee system was found to be very costly as the companies were not interested in economical construction and management, and entailed a heavy charge upon Indian revenues. In 1869, the system was therefore abandoned and it was decided that Government should construct railways in the future by its own agency. Many of the new lines were of the metre gauge (3 ft. 3½ in.) while all the lines before that, had been of the broad or standard type (5 ft. 6-in.). Ten years later, the old policy was again reverted to and since 1879, railway construction has been carried on partly by the State and partly by companies. The companies have interest guaranteed to them and get land free of cost. The State also exercises an amount of control over the companies, the contracts laying down the maxima and minima of the rates and fares charged. The following table furnishes some interesting information in connection with the Indian railways:—

and the first sod of the Great Indian Peninsula Railway was turned at Bombay in 1850. About the same time, was commenced the East Indian Railway which starts from Calcutta. Three stages may be distinguished in the history of railway construction in India. The early lines upto 1869 were constructed upon the guarantee principle. That is to say, the Government guaranteed interest at the rate of 5 per cent. on all share capital raised with its consent by the joint stock company and at a lower rate on debenture capital. The lines were to be constructed and worked by the companies subject to the supervision of Government and subject to other conditions. Government had the option of purchasing the undertakings at certain specified dates and by now the State has become the owner of the greater part of the Indian railway system. The guarantee system was found to be very costly as the companies were not interested in economical construction and management, and entailed a heavy charge upon Indian revenues. In 1869, the system was therefore abandoned and it was decided that Government should construct railways in the future by its own agency. Many of the new lines were of the metre gauge (3 ft. 3½ in.) while all the lines before that, had been of the broad or standard type (5 ft. 6-in.). Ten years later, the old policy was again reverted to and since 1879, railway construction has been carried on partly by the State and partly by companies. The companies have interest guaranteed to them and get land free of cost. The State also exercises an amount of control over the companies, the contracts laying down the maxima and minima of the rates and fares charged. The following table furnishes some interesting information in connection with the Indian railways:—

| | Route Mileage open. | |
|---|---------------------|-----------------|
| | 31st Dec. 1901. | 31st Dec. 1911. |
| 1 Lines owned and worked by the State ... | 5,125 | 6,874 |
| 2 Lines owned by the State but worked by companies ... | 13,387 | 17,949 |
| 3 District boards' lines (worked by companies) ... | 5 | 155 |
| 4 Line leased by the State (worked by a Company) ... | ... | 79 |
| 5 Old Guaranteed Companies' lines ... | 1,334 | ... |
| 6 Companies' lines guaranteed under modern contracts ... | 32 | 32 |
| 7 Branch line Companies' railway assisted under 'rebate' terms. ... | 2,276 | 1,171 |
| 8 Assisted Companies' lines subsidised by Government ... | | 554 |
| 9 " " " " by district boards ... | | 265 |
| 10 " " " " receiving land only ... | | 1,646 |
| 11 Unassisted Companies' lines ... | 42 | 66 |
| 12 Native State lines worked by Native States ... | 1,229 | 1 662 |
| 13 " " Companies ... | 1,584 | 2,055 |
| 14 " " State railway agency ... | 235 | 257 |
| 15 Lines in foreign territory ... | 74 | 74 |
| Total. | 25,373 | 32,839 |

While Government and companies had constructed the large rail-way lines connecting the various provinces to one another, the necessity of having branch or feeder lines to the main railway systems was badly felt and offers were made to encourage the investment of capital in these lines from year to year. The conditions attaching to these offers having failed to attract capital, the earlier terms

| | Route Mileage open. | |
|---|---------------------|-----------------|
| | 31st Dec. 1901. | 31st Dec. 1911. |
| 1 Lines owned and worked by the State ... | 5,125 | 6,874 |
| 2 Lines owned by the State but worked by companies ... | 13,387 | 17,949 |
| 3 District boards' lines (worked by companies) ... | 5 | 156 |
| 4 Line leased by the State (worked by a Company) ... | ... | 79 |
| 5 Old Guaranteed Companies' lines ... | 1,334 | ... |
| 6 Companies' lines guaranteed under modern contracts ... | 32 | 32 |
| 7 Branch line Companies' railway assisted under 'rebate' terms. ... | 2,276 | 1,171 |
| 8 Assisted Companies' lines subsidised by Government ... | | 554 |
| 9 " " " " by district boards ... | | 265 |
| 10 " " " receiving land only ... | | 1,646 |
| 11 Unassisted Companies' lines ... | 42 | 66 |
| 12 Native State lines worked by Native States ... | 1,229 | 1,662 |
| 13 " " Companies ... | 1,584 | 2,055 |
| 14 " " State railway agency ... | 235 | 257 |
| 15 Lines in foreign territory ... | 74 | 74 |
| Total. | 25,373 | 32,839 |

While Government and companies had constructed the large rail-way lines connecting the various provinces to one another, the necessity of having branch or feeder lines to the main railway systems was badly felt and offers were made to encourage the investment of capital in these lines from year to year. The conditions attaching to these offers having failed to attract capital, the earlier terms

| Author | Title | Year |
|-----------|-------|------|
| A. B. ... | ... | 1985 |
| C. D. ... | ... | 1986 |
| E. F. ... | ... | 1987 |
| G. H. ... | ... | 1988 |
| I. J. ... | ... | 1989 |
| K. L. ... | ... | 1990 |
| M. N. ... | ... | 1991 |
| O. P. ... | ... | 1992 |
| Q. R. ... | ... | 1993 |
| S. T. ... | ... | 1994 |
| U. V. ... | ... | 1995 |
| W. X. ... | ... | 1996 |
| Y. Z. ... | ... | 1997 |
| A. B. ... | ... | 1998 |
| C. D. ... | ... | 1999 |
| E. F. ... | ... | 2000 |
| G. H. ... | ... | 2001 |
| I. J. ... | ... | 2002 |
| K. L. ... | ... | 2003 |
| M. N. ... | ... | 2004 |
| O. P. ... | ... | 2005 |
| Q. R. ... | ... | 2006 |
| S. T. ... | ... | 2007 |
| U. V. ... | ... | 2008 |
| W. X. ... | ... | 2009 |
| Y. Z. ... | ... | 2010 |
| A. B. ... | ... | 2011 |
| C. D. ... | ... | 2012 |
| E. F. ... | ... | 2013 |

The following table shows the results of the analysis of the data collected from the study. The table is organized into three columns: Author, Title, and Year. The data is presented in a chronological order, starting from the earliest year (1985) and ending with the latest year (2013). The table shows that the number of publications in this field has increased over time, with a significant increase in the number of publications in the last decade. The table also shows that the majority of the publications are in the field of information science, with a smaller number of publications in the field of library science. The table is a summary of the data collected from the study and is intended to provide a clear and concise overview of the research in this field.

were revised and were made more tempting. District boards in Madras and Bengal have been thus induced to construct about 155 and 265 miles of railway respectively under these terms. In the chapter dealing with the constitution of the Government of India we have pointed out how in 1905 the control of railway administration was transferred from the Public Works Department of the Government of India to a newly constituted expert Railway Board, consisting of a chairman and two members. Decisions in all matters relating to railway programme, expenditure and policy rest with this Board and the powers of its President are very wide. The Board is independent of the Commerce and Industry Secretariate Department, though the ultimate authority must rest with the Government of India and the Secretary of State. By the year 1911, more than Rs. 450 crores had been invested in open railway lines the gross earnings of which in that year came to more than Rs. 61 crores. Deducting the working expenses which amounted to about 30 crores, we get about Rs. 30 crores as the net earnings of the railways in India. The percentage of net earnings on capital outlay thus came to 6.68. Indian Railways owned by the State and guaranteed companies get their capital from the annual allotments of the Government of India. Money has to be provided not only for the construction of new lines but also for the needs of the open lines. Four years ago, owing to a bumper harvest and general prosperous conditions, the pressure on the railways was so great that they were unable to provide the necessary transport facilities and there was a great congestion on the lines. The question of providing additional rolling stock, siding and other facilities had then to be seriously considered. Yet the amount that must annually be made available for capital expenditure has been fixed at £12,500,000 and the ability of Government to keep up to the standard depends upon the condition of the London Money Market and other considerations.

were revised and were made more tempting. District boards in Madras and Bengal have been thus induced to construct about 155 and 265 miles of railway respectively under these terms. In the chapter dealing with the constitution of the Government of India we have pointed out how in 1905 the control of railway administration was transferred from the Public Works Department of the Government of India to a newly constituted expert Railway Board, consisting of a chairman and two members. Decisions in all matters relating to railway programme, expenditure and policy rest with this Board and the powers of its President are very wide. The Board is independent of the Commerce and Industry Secretariate Department, though the ultimate authority must rest with the Government of India and the Secretary of State. By the year 1911, more than Rs. 450 crores had been invested in open railway lines the gross earnings of which in that year came to more than Rs. 61 crores. Deducting the working expenses which amounted to about 30 crores, we get about Rs. 30 crores as the net earnings of the railways in India. The percentage of net earnings on capital outlay thus came to 6.68. Indian Railways owned by the State and guaranteed companies get their capital from the annual allotments of the Government of India. Money has to be provided not only for the construction of new lines but also for the needs of the open lines. Four years ago, owing to a bumper harvest and general prosperous conditions, the pressure on the railways was so great that they were unable to provide the necessary transport facilities and there was a great congestion on the lines. The question of providing additional rolling stock, siding and other facilities had then to be seriously considered. Yet the amount that must annually be made available for capital expenditure has been fixed at £12,500,000 and the ability of Government to keep up to the standard depends upon the condition of the London Money Market and other considerations.

The total capital expenditure on railways has been as follows since 1908-09 :—

| | | | | £ |
|------------------|-----|-----|-----|------------|
| 1908-09 | ... | ... | ... | 10,045,071 |
| 1909-10 | ... | ... | ... | 8,384,694 |
| 1910-11 | ... | ... | ... | 7,445,928 |
| 1911-12 | ... | ... | ... | 10,214,100 |
| 1913-14 (budget) | ... | ... | ... | 12,000,000 |

These figures have failed to give satisfaction to a certain section of the critics of Government railway policy who would like the State to adopt a faster rate of progress. With reference to them, the Hon'ble Sir G. F. Wilson said :—" This proves, I think, that I am not unsympathetic on the question of railways. I recognise fully their immense significance as an instrument of general progress, their necessity for the development of trade, their growing and indeed momentous importance to the finances of India; but in this, my last Financial Statement, I cannot refrain from a word of warning. In spite of the reckless utterances of obviously interested critics, I continue to deprecate any departure from a policy of the utmost caution in the matter of Railway finance. It may be that in the future, it will be possible to give more scope to private enterprise and increase through its agency the funds available for railway construction, but for the present, I have to regard railways as a strictly business proposition. Our responsibility is all the greater now that they have attained a position of supreme importance in our financial system. It is said that the remunerative character of our railways is beyond question, that our railways are the milch cow of the Government of India, and that I am ungrateful. But what is the position ? We are paying in the London market very nearly 4 per cent. for what we borrow. I bear in mind that in the current year the railways have paid us 5.89 per cent. But last year the return was 4.99 per cent. ; in 1910-11, it was 4.66 per cent. ; in

[illegible]

The total capital expenditure on railways has been as follows since 1908-09 :—

| | | | | £ |
|------------------|-----|-----|-----|------------|
| 1908-09 | ... | ... | ... | 10,045,071 |
| 1909-10 | ... | ... | ... | 8,384,694 |
| 1910-11 | ... | ... | ... | 7,445,928 |
| 1911-12 | ... | ... | ... | 10,214,100 |
| 1913-14 (budget) | ... | ... | ... | 12,000,000 |

These figures have failed to give satisfaction to a certain section of the critics of Government railway policy who would like the State to adopt a faster rate of progress. With reference to them, the Hon'ble Sir G. F. Wilson said :—" This proves, I think, that I am not unsympathetic on the question of railways. I recognise fully their immense significance as an instrument of general progress, their necessity for the development of trade, their growing and indeed momentous importance to the finances of India; but in this, my last Financial Statement, I cannot refrain from a word of warning. In spite of the reckless utterances of obviously interested critics, I continue to deprecate any departure from a policy of the utmost caution in the matter of Railway finance. It may be that in the future, it will be possible to give more scope to private enterprise and increase through its agency the funds available for railway construction, but for the present, I have to regard railways as a strictly business proposition. Our responsibility is all the greater now that they have attained a position of supreme importance in our financial system. It is said that the remunerative character of our railways is beyond question, that our railways are the milch cow of the Government of India, and that I am ungrateful. But what is the position ? We are paying in the London market very nearly 4 per cent. for what we borrow. I bear in mind that in the current year the railways have paid us 5·89 per cent. But last year the return was 4·99 per cent. ; in 1910-11, it was 4·66 per cent. ; in

1909-10 it was 4.48 per cent. ; even in good years in the present state of the money market the margin is a narrow one. Let me remind you that so recently as in 1908-09 our railway system was worked at a net loss to the State. I said at that time that we must never allow our railways to become again, even temporarily, a net burden on the general tax-payer. I repeat that assertion. As matters stand, we have in our railways a splendid asset. Let us safeguard that asset. Any admission of doubtful schemes, or failure to count in each case the full cost, any disregard of financial considerations, will surely lead to deterioration of a most serious character."§ Only within the last few years the railways have become a source of net profit to the State. After meeting all charges for interest on capital, annuities for the purchase of lines from companies, &c., this profit averaged about Rs. 3 crores a year for the four years 1904-05 to 1908-09. In the latter year there was a net loss. In 1910-11 and 1911-12 the profit was about Rs. 3 crores and 5½ crores respectively.

Indian Irrigation Works of the present day, covering thousands of miles in their extent and supplying water to millions of acres have been constructed within the past few years of British rule. There is, however, no doubt that irrigation was practised in this country, though on a smaller scale, in pre-British times. Of the three great classes of irrigation works, viz lift, storage and river works, the first two represented by wells, and tanks and reservoirs have been in existence in India from time immemorial. "But the numerous large works which now exist for utilizing the supplies of the larger rivers are of comparatively recent date ; and little seems to have been done in this direction before the country came under British rule," the most notable exceptions being 'the grand Anicut' across the Coleroon river in Madras, some of the inunda-

§ Speech introducing the Financial Statement for 1913-14.

1909-10 it was 4·48 per cent. ; even in good years in the present state of the money market the margin is a narrow one. Let me remind you that so recently as in 1908-09 our railway system was worked at a net loss to the State. I said at that time that we must never allow our railways to become again, even temporarily, a net burden on the general tax-payer. I repeat that assertion. As matters stand, we have in our railways a splendid asset. Let us safeguard that asset. Any admission of doubtful schemes, or failure to count in each case the full cost, any disregard of financial considerations, will surely lead to deterioration of a most serious character."§ Only within the last few years the railways have become a source of net profit to the State. After meeting all charges for interest on capital, annuities for the purchase of lines from companies, &c., this profit averaged about Rs. 3 crores a year for the four years 1904-05 to 1908-09. In the latter year there was a net loss. In 1910-11 and 1911-12 the profit was about Rs. 3 crores and 5½ crores respectively.

Indian Irrigation Works of the present day, covering thousands of miles in their extent and supplying water to millions of acres have been constructed within the past few years of British rule. There is, however, no doubt that irrigation was practised in this country, though on a smaller scale, in pre-British times. Of the three great classes of irrigation works, viz lift, storage and river works, the first two represented by wells, and tanks and reservoirs have been in existence in India from time immemorial. "But the numerous large works which now exist for utilizing the supplies of the larger rivers are of comparatively recent date ; and little seems to have been done in this direction before the country came under British rule," the most notable exceptions being 'the grand Anicut' across the Coleroon river in Madras, some of the inunda-

§ Speech introducing the Financial Statement for 1913-14.

The American Medical Association is a national organization of physicians and surgeons, organized for the purpose of promoting the interests of the medical profession and the public. It is a non-profit corporation, organized under the laws of the United States, and its assets are held in trust for the benefit of the medical profession and the public. The Association is organized into a national body and into state and local branches. The national body is composed of representatives of the state and local branches, and it is the duty of the national body to represent the interests of the medical profession and the public. The state and local branches are organized in a similar manner, and it is the duty of these branches to represent the interests of the medical profession and the public in their respective areas. The Association is organized into a national body and into state and local branches. The national body is composed of representatives of the state and local branches, and it is the duty of the national body to represent the interests of the medical profession and the public. The state and local branches are organized in a similar manner, and it is the duty of these branches to represent the interests of the medical profession and the public in their respective areas.

The American Medical Association is a national organization of physicians and surgeons, organized for the purpose of promoting the interests of the medical profession and the public. It is a non-profit corporation, organized under the laws of the United States, and its assets are held in trust for the benefit of the medical profession and the public. The Association is organized into a national body and into state and local branches. The national body is composed of representatives of the state and local branches, and it is the duty of the national body to represent the interests of the medical profession and the public. The state and local branches are organized in a similar manner, and it is the duty of these branches to represent the interests of the medical profession and the public in their respective areas. The Association is organized into a national body and into state and local branches. The national body is composed of representatives of the state and local branches, and it is the duty of the national body to represent the interests of the medical profession and the public. The state and local branches are organized in a similar manner, and it is the duty of these branches to represent the interests of the medical profession and the public in their respective areas.

tion canals on the Indus and its tributaries, and two canals taking out of the Jumna river at a point where passing through a gorge in the outer ranges of the Himalayas, it debouches on to the plains." The 'Grand Anicut' is very old, going back to the early centuries of the Christian era and is represented as the greatest engineering work carried out in India before British rule began. Under Mahomedan rulers some large canals were constructed in Northern India. It is doubted whether these works, in their former condition ever irrigated any considerable areas or conferred much benefit upon the people. "But it is certain that it was the existence of the 'Grand Anicut' in Madras, and the remains of the old Mahomedan channels in the Punjab and United Provinces, which suggested and led to the construction of the earliest works carried out under British rule. India, therefore, in a great measure owes to her former rulers the first inception of her present unrivalled systems of State irrigation works. The most efficient and useful works which were constructed in former times are, however, the smaller works—tanks, weirs, and river channels—which are to be found scattered throughout the Peninsula, and in Upper Burma. They are most important in the Madras Presidency, where to this day they irrigate collectively an area equal to that irrigated by all the larger works which have been constructed by the British Government in that Presidency".†

Different systems of irrigation prevail in the different parts of India suitably to the local physical conditions. Leaving out the use of wells, in which case the earth itself acts as the reservoir the most simple as well as one of the most effective kinds of irrigation is derived from tanks. The ordinary Indian irrigating tank is formed by intercepting the drainage of the country by an embankment'. The eastern portion of the Madras Presidency is peculiarly

†Report of the Irrigation Commission, 1901-03.

tion canals on the Indus and its tributaries, and two canals taking out of the Jumna river at a point where passing through a gorge in the outer ranges of the Himalayas, it debouches on to the plains." The 'Grand Anicut' is very old, going back to the early centuries of the Christian era and is represented as the greatest engineering work carried out in India before British rule began. Under Mahomedan rulers some large canals were constructed in Northern India. It is doubted whether these works, in their former condition ever irrigated any considerable areas or conferred much benefit upon the people. "But it is certain that it was the existence of the 'Grand Anicut' in Madras, and the remains of the old Mahomedan channels in the Punjab and United Provinces, which suggested and led to the construction of the earliest works carried out under British rule. India, therefore, in a great measure owes to her former rulers the first inception of her present unrivalled systems of State irrigation works. The most efficient and useful works which were constructed in former times are, however, the smaller works—tanks, weirs, and river channels—which are to be found scattered throughout the Peninsula, and in Upper Burma. They are most important in the Madras Presidency, where to this day they irrigate collectively an area equal to that irrigated by all the larger works which have been constructed by the British Government in that Presidency".†

Different systems of irrigation prevail in the different parts of India suitably to the local physical conditions. Leaving out the use of wells, in which case the earth itself acts as the reservoir the most simple as well as one of the most effective kinds of irrigation is derived from tanks. The ordinary Indian irrigating tank is formed by intercepting the drainage of the country by an embankment'. The eastern portion of the Madras Presidency is peculiarly

†Report of the Irrigation Commission, 1901-03.

the first of these is the fact that the majority of the respondents in the survey were from the United Kingdom. This is a limitation of the study, as it may not be representative of the rest of the world. The second limitation is that the survey was conducted in 1998, and the results may not be representative of the current situation. The third limitation is that the survey was conducted with a small sample size, which may not be representative of the whole population. The fourth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The fifth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The sixth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The seventh limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The eighth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The ninth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The tenth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population.

The second of the limitations mentioned above is that the survey was conducted in 1998, and the results may not be representative of the current situation. This is a limitation of the study, as it may not be representative of the current situation. The third limitation is that the survey was conducted with a small sample size, which may not be representative of the whole population. The fourth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The fifth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The sixth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The seventh limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The eighth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The ninth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population. The tenth limitation is that the survey was conducted with a self-selected sample, which may not be representative of the whole population.

favourable to this kind of irrigation and the whole of this part of the country is covered with these tanks some of them being many miles in circumference. Tank irrigation is also largely practised in this Presidency and Central India. Another system of irrigation adopted in India consists in the diversion of the waters of rivers. This system prevails both in Northern and Southern India though it is carried out differently in the two places. The difference is accounted for by the peculiarities of the physical configuration of these parts of the country as also by climatic and other conditions. "The irrigation system in Madras, in addition to the maintenance and development of the great tanks scattered over the country wherever the surface has admitted of their formation, comprises the works of damming up the great rivers which fall into the sea on the east coast by masonry weirs, at the points where their deltas begin, and distributing the waters over the surface of the country by canals'. Lift irrigation works like wells must obviously be private concerns, though they are encouraged and supported by Government and are of very great importance to agriculture in a country like India where that industry has to depend mainly on a precarious rainfall. The maintenance of many tanks, large and small, has been undertaken by the State and a few are in private hands. But the third class of works *viz.* the canals have been chiefly constructed by Government and are managed by it. Majority of these canals are perennial and a small number are inundation canals which receive their water only from floods. The face of the 'land of five rivers' has been transformed by a network of canals which have brought plenty and prosperity to that province. The question of a vigorous prosecution of irrigation works was forced upon the attention of Government by the frequent failure of rains and the consequent distress caused to large masses of the population of this pre-eminently agricultural country, and during the last few years irrigation has made remarkable progress.

favourable to this kind of irrigation and the whole of this part of the country is covered with these tanks some of them being many miles in circumference. Tank irrigation is also largely practised in this Presidency and Central India. Another system of irrigation adopted in India consists in the diversion of the waters of rivers. This system prevails both in Northern and Southern India though it is carried out differently in the two places. The difference is accounted for by the peculiarities of the physical configuration of these parts of the country as also by climatic and other conditions. "The irrigation system in Madras, in addition to the maintenance and development of the great tanks scattered over the country wherever the surface has admitted of their formation, comprises the works of damming up the great rivers which fall into the sea on the east coast by masonry weirs, at the points where their deltas begin, and distributing the waters over the surface of the country by canals'. Lift irrigation works like wells must obviously be private concerns, though they are encouraged and supported by Government and are of very great importance to agriculture in a country like India where that industry has to depend mainly on a precarious rainfall. The maintenance of many tanks, large and small, has been undertaken by the State and a few are in private hands. But the third class of works *viz.* the canals have been chiefly constructed by Government and are managed by it. Majority of these canals are perennial and a small number are inundation canals which receive their water only from floods. The face of the 'land of five rivers' has been transformed by a network of canals which have brought plenty and prosperity to that province. The question of a vigorous prosecution of irrigation works was forced upon the attention of Government by the frequent failure of rains and the consequent distress caused to large masses of the population of this pre-eminently agricultural country, and during the last few years irrigation has made remarkable progress.

Irrigation works in India are divided, from the financial point of view, into two classes, 'major' and 'minor.' The former are of two kinds, *viz.* 'productive' public works the capital for the construction of which is provided from borrowed money and 'protective' works the capital cost of which is provided from current revenues and which are intended as a protection against famine. All productive irrigation works are calculated to yield revenue sufficient to defray their working expenses and interest on the capital invested in them. The cost of constructing 'minor' works as well as the sums annually required for their working and maintenance, are met from ordinary sources and for the majority of these works distinct capital and revenue accounts are not kept. The following figures give an idea of the position of irrigation works in 1911-12. Taking the major works, productive and protective together, we find that the mileage in operation, including distributories was about 43 thousand; the area irrigated was more than 15 million acres; the total capital outlay, direct and indirect, to the end of the year amounted to some £ 37 millions; and the percentage of net revenue on capital outlay in the case of productive works was 7.52. The corresponding figures for minor works are a mileage of 4,315, area irrigated, 1,819,000 acres, capital outlay £ 2,533,000 and the percentage of net revenue 7.78. The rapid progress which irrigation has made within recent years is due to the recommendations of the Irrigation Commission of Lord Curzon's time. "Had Lord Curzon done nothing else during his Viceroyalty, this Irrigation Commission which he instituted and the resolution he issued on the lines of its recommendations would have earned for him the permanent gratitude of the people. It is superfluous to state that the Commission recommended the construction of the remaining *practical* works of irrigation in 20 years at a cost of 44 crore rupees. It is gratifying to notice that the larger works have been already commenced or their schemes advanced to a practical

Irrigation works in India are divided, from the financial point of view, into two classes, 'major' and 'minor.' The former are of two kinds, *viz.* 'productive' public works the capital for the construction of which is provided from borrowed money and 'protective' works the capital cost of which is provided from current revenues and which are intended as a protection against famine. All productive irrigation works are calculated to yield revenue sufficient to defray their working expenses and interest on the capital invested in them. The cost of constructing 'minor' works as well as the sums annually required for their working and maintenance, are met from ordinary sources and for the majority of these works distinct capital and revenue accounts are not kept. The following figures give an idea of the position of irrigation works in 1911-12. Taking the major works, productive and protective together, we find that the mileage in operation, including distributories was about 43 thousand; the area irrigated was more than 15 million acres; the total capital outlay, direct and indirect, to the end of the year amounted to some £ 37 millions; and the percentage of net revenue on capital outlay in the case of productive works was 7.52. The corresponding figures for minor works are a mileage of 4,315, area irrigated, 1,819,000 acres, capital outlay £ 2,533,000 and the percentage of net revenue 7.78. The rapid progress which irrigation has made within recent years is due to the recommendations of the Irrigation Commission of Lord Curzon's time. "Had Lord Curzon done nothing else during his Viceroyalty, this Irrigation Commission which he instituted and the resolution he issued on the lines of its recommendations would have earned for him the permanent gratitude of the people. It is superfluous to state that the Commission recommended the construction of the remaining *practical* works of irrigation in 20 years at a cost of 44 crore rupees. It is gratifying to notice that the larger works have been already commenced or their schemes advanced to a practical

stage, though even now we cannot refrain from observing that some part of the enormous capital which has during the last five years been expended on railways and rolling stock might have, with the greatest advantage, been directed to irrigation." * The Commission "expressed the opinion that the field for the construction of new works of any magnitude on which the net revenue would exceed the interest charges was restricted to the Panjab, Sind, and parts of Madras, and that the tracts in which most of such works could be constructed were not liable to famine. Where protective irrigation was most urgently required—in the Deccan districts of Bombay and Madras, the Central Provinces and Bundelkhand,—the Commission found that there was no prospect of new irrigation works on any considerable scale proving directly remunerative; but they recommended that works should be undertaken in these tracts with a view to reducing the cost and mitigating the intensity of future famines. The Commission reviewed all the irrigation works of importance in every province of India, pointed to a great number of suggested projects, and recommended a thorough investigation of the irrigation capabilities of every part of India. They sketched out a rough programme of works for the next twenty years to add $6\frac{1}{2}$ million acres to the irrigated area at an estimated cost of nearly £ 30,000,000." † The Government of India has accepted the bulk of the Commission's recommendations and they form the basis of its policy. The Deccan districts of the Bombay Presidency being frequently liable to famine, large irrigation works have been projected and taken in hand there. Besides the Nira and Mutha Canals which irrigate between them 55,000 acres, there were sanctioned in 1906-07 two important projects, the Godavari

* A Bird's-eye view of Indian Economic Progress, 1901-10 by Mr. D. E. Wacha.

† Moral and Material Progress Report, 1901-1911.

stage, though even now we cannot refrain from observing that some part of the enormous capital which has during the last five years been expended on railways and rolling stock might have, with the greatest advantage, been directed to irrigation." * The Commission "expressed the opinion that the field for the construction of new works of any magnitude on which the net revenue would exceed the interest charges was restricted to the Panjab, Sind, and parts of Madras, and that the tracts in which most of such works could be constructed were not liable to famine. Where protective irrigation was most urgently required—in the Deccan districts of Bombay and Madras, the Central Provinces and Bundelkhand,—the Commission found that there was no prospect of new irrigation works on any considerable scale proving directly remunerative ; but they recommended that works should be undertaken in these tracts with a view to reducing the cost and mitigating the intensity of future famines. The Commission reviewed all the irrigation works of importance in every province of India, pointed to a great number of suggested projects, and recommended a thorough investigation of the irrigation capabilities of every part of India. They sketched out a rough programme of works for the next twenty years to add 6½ million acres to the irrigated area at an estimated cost of nearly £ 30,000,000." † The Government of India has accepted the bulk of the Commission's recommendations and they form the basis of its policy. The Deccan districts of the Bombay Presidency being frequently liable to famine, large irrigation works have been projected and taken in hand there. Besides the Nira and Mutha Canals which irrigate between them 55,000 acres, there were sanctioned in 1906-07 two important projects, the Godavari

* A Bird's-eye view of Indian Economic Progress, 1901-10 by Mr. D. E. Wacha.

† Moral and Material Progress Report, 1901-1911.

THE FOLLOWING INFORMATION IS A SUMMARY OF THE INFORMATION
 THAT WAS OBTAINED FROM THE INTERVIEW WITH THE INDIVIDUAL
 WHO WAS IDENTIFIED AS THE SOURCE OF THE INFORMATION.
 THE SOURCE STATED THAT HE HAD BEEN CONTACTED BY AN INDIVIDUAL
 WHO OFFERED HIM A POSITION AS A SECURITY GUARD AT A FACILITY
 THAT WAS LOCATED IN THE AREA OF THE FACILITY.
 THE SOURCE STATED THAT HE HAD ACCEPTED THE OFFER AND
 HAD BEEN TRAINED FOR THE POSITION. HE STATED THAT HE
 HAD BEEN ASSIGNED TO THE POSITION AND HAD BEEN
 MONITORING THE FACILITY FOR A PERIOD OF TIME.
 THE SOURCE STATED THAT HE HAD OBSERVED THE INDIVIDUAL
 WHO WAS IDENTIFIED AS THE SOURCE OF THE INFORMATION
 ENTERING THE FACILITY AND HAD OBSERVED THE INDIVIDUAL
 LEAVING THE FACILITY. HE STATED THAT HE HAD
 OBSERVED THE INDIVIDUAL ENTERING THE FACILITY
 AND HAD OBSERVED THE INDIVIDUAL LEAVING THE FACILITY.
 THE SOURCE STATED THAT HE HAD OBSERVED THE INDIVIDUAL
 ENTERING THE FACILITY AND HAD OBSERVED THE INDIVIDUAL
 LEAVING THE FACILITY. HE STATED THAT HE HAD
 OBSERVED THE INDIVIDUAL ENTERING THE FACILITY
 AND HAD OBSERVED THE INDIVIDUAL LEAVING THE FACILITY.

THE SOURCE STATED THAT HE HAD OBSERVED THE INDIVIDUAL
 ENTERING THE FACILITY AND HAD OBSERVED THE INDIVIDUAL
 LEAVING THE FACILITY. HE STATED THAT HE HAD
 OBSERVED THE INDIVIDUAL ENTERING THE FACILITY
 AND HAD OBSERVED THE INDIVIDUAL LEAVING THE FACILITY.
 THE SOURCE STATED THAT HE HAD OBSERVED THE INDIVIDUAL
 ENTERING THE FACILITY AND HAD OBSERVED THE INDIVIDUAL
 LEAVING THE FACILITY. HE STATED THAT HE HAD
 OBSERVED THE INDIVIDUAL ENTERING THE FACILITY
 AND HAD OBSERVED THE INDIVIDUAL LEAVING THE FACILITY.
 THE SOURCE STATED THAT HE HAD OBSERVED THE INDIVIDUAL
 ENTERING THE FACILITY AND HAD OBSERVED THE INDIVIDUAL
 LEAVING THE FACILITY. HE STATED THAT HE HAD
 OBSERVED THE INDIVIDUAL ENTERING THE FACILITY
 AND HAD OBSERVED THE INDIVIDUAL LEAVING THE FACILITY.
 THE SOURCE STATED THAT HE HAD OBSERVED THE INDIVIDUAL
 ENTERING THE FACILITY AND HAD OBSERVED THE INDIVIDUAL
 LEAVING THE FACILITY. HE STATED THAT HE HAD
 OBSERVED THE INDIVIDUAL ENTERING THE FACILITY
 AND HAD OBSERVED THE INDIVIDUAL LEAVING THE FACILITY.
 THE SOURCE STATED THAT HE HAD OBSERVED THE INDIVIDUAL
 ENTERING THE FACILITY AND HAD OBSERVED THE INDIVIDUAL
 LEAVING THE FACILITY. HE STATED THAT HE HAD
 OBSERVED THE INDIVIDUAL ENTERING THE FACILITY
 AND HAD OBSERVED THE INDIVIDUAL LEAVING THE FACILITY.

and Pravara Canals estimated to cost more than a million £ and to irrigate more than 110,000 acres. A part of these works has been already finished and further, the construction of what is the most important project of the protective class so far undertaken in India has been sanctioned viz. the Nira Right Bank Canal which is estimated to cost £ 1,700,000 and is designed to protect an area of 190,000 acres in the Sholapur district.

Besides the Railway and Irrigation works dealt with above, there is a third branch of the Public works Department—that of civil buildings and roads. This branch includes the extension and maintenance of the road system, the construction and repair of all the buildings required for the proper discharge of the functions of government in all its branches and a large miscellaneous class of works of public improvement, including light houses, harbours, embankments, boat bridges and ferries, and the water supply and sanitation of towns. The expenditure on these civil works is chiefly met from provincial resources and the receipts consist mainly of rents of buildings, tolls and canal and ferry receipts. The total receipts in 1911-12 amounted to £ 326,924 of which the imperial share was £ 70,256. The total expenditure for the same year was £ 5,453,212, the Imperial share being £ 833,953. The smaller public works are mainly in the hands of local boards which receive the assistance of the officers of the Public Works Department in the matter of works of unusual difficulty.

We take the following account of the organization of the Imperial and Provincial Public Works Departments from the Report of the Commission on Decentralization.

“The Government of India Public Works Department, whose Secretariate officers are drawn from the ranks of the Department itself, is under the Member of Council in charge of the Revenue and Agriculture portfolio. In Madras and Bombay, the Public Works Department is usually under the Governor: elsewhere it is always, like other Secretariate Departments, under the head of the Province.

The American Medical Association is a national organization of medical practitioners, organized for the purpose of promoting the interests of the medical profession and the public. It is a non-profit corporation, organized under the laws of the United States, and is the largest and most influential of the medical organizations in this country. The Association is composed of more than 50,000 members, who are organized into local, state, and national societies. The Association's primary concern is the promotion of the highest standards of medical practice, and it is committed to the advancement of the medical profession and the public health. The Association's activities include the publication of the Journal of the American Medical Association, the holding of annual meetings, and the conduct of various educational and research programs. The Association is also active in the field of public health, and it has been instrumental in the development of many important public health measures.

The American Medical Association is a national organization of medical practitioners, organized for the purpose of promoting the interests of the medical profession and the public. It is a non-profit corporation, organized under the laws of the United States, and is the largest and most influential of the medical organizations in this country. The Association is composed of more than 50,000 members, who are organized into local, state, and national societies. The Association's primary concern is the promotion of the highest standards of medical practice, and it is committed to the advancement of the medical profession and the public health. The Association's activities include the publication of the Journal of the American Medical Association, the holding of annual meetings, and the conduct of various educational and research programs. The Association is also active in the field of public health, and it has been instrumental in the development of many important public health measures. The Association's members are committed to the highest standards of medical practice, and they are dedicated to the advancement of the medical profession and the public health. The Association's activities are designed to promote the highest standards of medical practice, and to ensure that the medical profession is always at the forefront of medical knowledge and practice. The Association's members are committed to the highest standards of medical practice, and they are dedicated to the advancement of the medical profession and the public health. The Association's activities are designed to promote the highest standards of medical practice, and to ensure that the medical profession is always at the forefront of medical knowledge and practice.

The American Medical Association is a national organization of medical practitioners, organized for the purpose of promoting the interests of the medical profession and the public. It is a non-profit corporation, organized under the laws of the United States, and is the largest and most influential of the medical organizations in this country. The Association is composed of more than 50,000 members, who are organized into local, state, and national societies. The Association's primary concern is the promotion of the highest standards of medical practice, and it is committed to the advancement of the medical profession and the public health. The Association's activities include the publication of the Journal of the American Medical Association, the holding of annual meetings, and the conduct of various educational and research programs. The Association is also active in the field of public health, and it has been instrumental in the development of many important public health measures.

The American Medical Association is a national organization of medical practitioners, organized for the purpose of promoting the interests of the medical profession and the public. It is a non-profit corporation, organized under the laws of the United States, and is the largest and most influential of the medical organizations in this country. The Association is composed of more than 50,000 members, who are organized into local, state, and national societies. The Association's primary concern is the promotion of the highest standards of medical practice, and it is committed to the advancement of the medical profession and the public health. The Association's activities include the publication of the Journal of the American Medical Association, the holding of annual meetings, and the conduct of various educational and research programs. The Association is also active in the field of public health, and it has been instrumental in the development of many important public health measures.

and Pravara Canals estimated to cost more than a million £ and to irrigate more than 110,000 acres. A part of these works has been already finished and further, the construction of what is the most important project of the protective class so far undertaken in India has been sanctioned viz. the Nira Right Bank Canal which is estimated to cost £ 1,700,000 and is designed to protect an area of 190,000 acres in the Sholapur district.

Besides the Railway and Irrigation works dealt with above, there is a third branch of the Public works Department—that of civil buildings and roads. This branch includes the extension and maintenance of the road system, the construction and repair of all the buildings required for the proper discharge of the functions of government in all its branches and a large miscellaneous class of works of public improvement, including light houses, harbours, embankments, boat bridges and ferries, and the water supply and sanitation of towns. The expenditure on these civil works is chiefly met from provincial resources and the receipts consist mainly of rents of buildings, tolls and canal and ferry receipts. The total receipts in 1911-12 amounted to £ 326,924 of which the imperial share was £ 70,256. The total expenditure for the same year was £ 5,453,212, the Imperial share being £ 833,953. The smaller public works are mainly in the hands of local boards which receive the assistance of the officers of the Public Works Department in the matter of works of unusual difficulty.

We take the following account of the organization of the Imperial and Provincial Public Works Departments from the Report of the Commission on Decentralization.

“The Government of India. Public Works Department, whose Secretariate officers are drawn from the ranks of the Department itself, is under the Member of Council in charge of the Revenue and Agriculture portfolio. In Madras and Bombay, the Public Works Department is usually under the Governor: elsewhere it is always, like other Secretariate Departments, under the head of the Province.

"At the head of the Public Works staff in each province are Chief Engineers, who are also Secretaries for Public Works matters to the Local Governments. In Madras, Bombay, Bengal, the United Provinces and Burma there are two Chief Engineers, one for irrigation and the other for buildings and roads; while in the Punjab, where irrigation has been specially developed there are now two Chief Engineers for this branch and one for buildings and roads. In Eastern Bengal and Assam, and in the Central Provinces, there is only one Chief Engineer. The division of functions which exists in most provinces as between the Chief Engineers, extends also to the district staff in the United Provinces and the Punjab. Elsewhere the general practice is to use the same officers for irrigation, buildings and roads.

"Each province is divided into Public Works divisions, comprising single civil districts, or portions or groups of districts, as the case may be; and each division is in charge of an Executive Engineer who is immediately responsible for the construction, up-keep, and improvement of all works within his charge.

"Executive Engineers have under them Assistant Engineers who are in training for higher functions, and a subordinate staff, the principal members of which are styled Subordinate Engineers, Supervisors and Overseers. These assistants may hold subordinate charge either of a portion of the division or of particular works.

"Five or six divisions are grouped into a "circle" in charge of a Superintending Engineer. All important estimates are passed on to him by Executive Engineers for scrutiny, and the inspection of the works and projects in his circle is his primary duty.

"The Chief, Superintending, Executive and Assistant Engineers form the superior staff of the Department. The majority of them are civil engineers trained and recruited in England, but the staff also includes a proportion of Royal Engineer officers and a large number of engineers recruited in India. These last are now classed as "Provincial Engineers," while the others constitute an 'Imperial' service. There are also a number of temporary and non-pensionable engineers employed (outside railways) chiefly on irrigation works in the Punjab.

"The Provincial engineers are natives of India (including in this term domiciled Europeans and Eurasians) and are recruited from the Indian Engineering Colleges, by the grant of a limited number of guaranteed appointments to the most distinguished students of each

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making sure that it is followed. The final step is to evaluate the results. This involves checking to see if the problem has been solved and if the plan was effective.

...the
... ..
... ..
... ..
... ..

© 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 115–121

[illegible]

The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding how they are related. The third step is to develop a plan. This involves deciding on the best way to solve the problem and the steps that need to be taken. The fourth step is to implement the plan. This involves putting the plan into action and making any necessary adjustments. The final step is to evaluate the results. This involves assessing the effectiveness of the solution and determining if any further action is needed.

...the ...

"At the head of the Public Works staff in each province are Chief Engineers, who are also Secretaries for Public Works matters to the Local Governments. In Madras, Bombay, Bengal, the United Provinces and Burma there are two Chief Engineers, one for irrigation and the other for buildings and roads; while in the Punjab, where irrigation has been specially developed there are now two Chief Engineers for this branch and one for buildings and roads. In Eastern Bengal and Assam, and in the Central Provinces, there is only one Chief Engineer. The division of functions which exists in most provinces as between the Chief Engineers, extends also to the district staff in the United Provinces and the Punjab. Elsewhere the general practice is to use the same officers for irrigation, buildings and roads.

"Each province is divided into Public Works divisions, comprising single civil districts, or portions or groups of districts, as the case may be; and each division is in charge of an Executive Engineer who is immediately responsible for the construction, up-keep, and improvement of all works within his charge.

"Executive Engineers have under them Assistant Engineers who are in training for higher functions, and a subordinate staff, the principal members of which are styled Subordinate Engineers, Supervisors and Overseers. These assistants may hold subordinate charge either of a portion of the division or of particular works.

"Five or six divisions are grouped into a "circle" in charge of a Superintending Engineer. All important estimates are passed on to him by Executive Engineers for scrutiny, and the inspection of the works and projects in his circle is his primary duty.

"The Chief, Superintending, Executive and Assistant Engineers form the superior staff of the Department. The majority of them are civil engineers trained and recruited in England, but the staff also includes a proportion of Royal Engineer officers and a large number of engineers recruited in India. These last are now classed as "Provincial Engineers," while the others constitute an "Imperial" service. There are also a number of temporary and non-pensionable engineers employed (outside railways) chiefly on irrigation works in the Punjab.

"The Provincial engineers are natives of India (including in this term domiciled Europeans and Eurasians) and are recruited from the Indian Engineering Colleges, by the grant of a limited number of guaranteed appointments to the most distinguished students of each

year, or by promotion from the upper subordinate ranks. This service was organized on its present footing in 1892, in accordance with the recommendation of the Public Service Commission ; and its members perform the same duties, and can rise to the same positions, as the officers of the "Imperial" Service, but draw a lower rate of pay in most grades.

"The Subordinate" Public Works Service is recruited in India from the local Engineering Colleges.* It contains a sprinkling of British soldiers who have undergone an Engineering course at Roorkee, while the rest are natives of India in the wide sense above referred to, but with a large predominance of the purely Indian element. It is divided into 'upper subordinates' consisting of subordinate engineers, supervisors and overseers with pay ranging from Rs. 60 to Rs. 500 a month and 'lower subordinates' who are suboverseers on a pay of Rs. 30 to Rs. 70.

"The Public Works accounts branch is under the direct control of the Government of India Public Works Department. Its superior staff which comprises Examiners and Deputy and Assistant Examiners is recruited partly by direct appointment in India (a) on the result of a competitive examination ; (b) by promotion from the subordinate ranks ; (c) by the transfer, in exceptional cases of officers from the engineering establishment. The Examiner of Public Works accounts in each province occupies a position somewhat similar to that of the Civil Accountant General, while at the head of the branch is an Accountant General whose functions are in a measure analogous to those of the Comptroller and Auditor General of the Civil Accounts Department : he is likewise a Deputy Secretary, for accounts matters, in the Imperial Public Works Secretariate. The Comptroller General has also some control over the Public Works accounts".

* There are four Engineering Colleges—at Roorkee in the United Provinces, Sibpur (Calcutta), Madras, and Poona ; also Engineering Schools at Rangoon Patna, and elsewhere.

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

PUBLISHED WEEKLY
Subscription price, \$5.00 per annum in advance. Single copies, 15 cents.
Entered as Second-Class Matter, October 3, 1917, under Post Office No. 100, at Chicago, Ill., under special agreement of Post Office and General Delivery.
Acceptance for mailing at special rate of postage provided for in Act of October 3, 1917, authorized on July 1, 1918.

Published by the American Medical Association, 535 North Dearborn Street, Chicago, Ill.
Copyright, 1918, by American Medical Association

Published by the American Medical Association, 535 North Dearborn Street, Chicago, Ill.
Copyright, 1918, by American Medical Association

Published by the American Medical Association, 535 North Dearborn Street, Chicago, Ill.
Copyright, 1918, by American Medical Association

Published by the American Medical Association, 535 North Dearborn Street, Chicago, Ill.
Copyright, 1918, by American Medical Association

Published by the American Medical Association, 535 North Dearborn Street, Chicago, Ill.
Copyright, 1918, by American Medical Association

— 100 —

Published by the American Medical Association, 535 North Dearborn Street, Chicago, Ill.
Copyright, 1918, by American Medical Association

year, or by promotion from the upper subordinate ranks. This service was organized on its present footing in 1892, in accordance with the recommendation of the Public Service Commission ; and its members perform the same duties, and can rise to the same positions, as the officers of the "Imperial" Service, but draw a lower rate of pay in most grades.

"The Subordinate" Public Works Service is recruited in India from the local Engineering Colleges.* It contains a sprinkling of British soldiers who have undergone an Engineering course at Roorkee, while the rest are natives of India in the wide sense above referred to, but with a large predominance of the purely Indian element. It is divided into 'upper subordinates' consisting of subordinate engineers, supervisors and overseers with pay ranging from Rs. 60 to Rs. 500 a month and 'lower subordinates' who are suboverseers on a pay of Rs. 30 to Rs. 70.

"The Public Works accounts branch is under the direct control of the Government of India Public Works Department. Its superior staff which comprises Examiners and Deputy and Assistant Examiners is recruited partly by direct appointment in India (a) on the result of a competitive examination ; (b) by promotion from the subordinate ranks ; (c) by the transfer, in exceptional cases of officers from the engineering establishment. The Examiner of Public Works accounts in each province occupies a position somewhat similar to that of the Civil Accountant General, while at the head of the branch is an Accountant General whose functions are in a measure analogous to those of the Comptroller and Auditor General of the Civil Accounts Department: he is likewise a Deputy Secretary, for accounts matters, in the Imperial Public Works Secretariate. The Comptroller General has also some control over the Public Works accounts".

* There are four Engineering Colleges—at Roorkee in the United Provinces, Sibpur (Calcutta), Madras, and Poona ; also Engineering Schools at Rangoon, Patna, and elsewhere.

INDEX.

| | | | | |
|--------------------------|-------------|----------|------------------------------|----------------------|
| Act Charter ... | 27, 28, 29, | 106 | Commission Lord Aitchison's. | 102 |
| " Council of India | 54, 60, | 61 | Commission Lord Welby's ... | 63 |
| " Indian Councils | ... | 110 | Commission on Education of | 1882 |
| " Pitt's ... | ... | 27, 52 | | 227, 234 |
| " Of ... | 1833. 106, | 107 | " " Universities | |
| " " ... | 1858. 30, | 53 | " " of 1902 | 235 |
| " " ... | 1861. 109, | 206 | " " Plague ... | 278 |
| Accounts Department | ... | 183 | " " Public services... | 99 |
| Additional Member | ... | 132 | " " Police of 1902, | 218 |
| Adalats ... | ... | 203 | " " Royal on | |
| Agriculture | | | Decentralisation | 43, 79, 82, 296, 293 |
| " Director of | ... | 97 | Commissioners ... | 93 |
| Andamans ... | ... | 225 | Commissioner Settlement | 97 |
| Appeals ... | ... | 280 | Committees of India Council. | 60 |
| Assessment ... | 184, 186, | 194 | Comptroller ... | 183 |
| Auditor General | ... | 183 | Conservator of Forests | 98 |
| Bengal ... | ... | 68 | Corporation ... | 148 |
| Berar ... | ... | 67 | " Commissioners of a | 150 |
| Bhamptas ... | ... | | " of Bombay | 149 |
| Board of Control | ... | 52 | " " Madras | 151 |
| Board of Revenue | ... | 94 | Council bills ... | 182 |
| " Military | ... | 284, 285 | " of India | 55, 56. |
| Board Railway | ... | 40 | " Members of Governor | |
| Boards Local ... | ... | 152 | General's executive | 40, 41 |
| Bombay ... | ... | 71 | " Secretary of State's | 54 |
| Chaukidars | ... | 220 | Court of Directors | 52 |
| Chief Commissioner | ... | 75 | Courts of Record | 201 |
| " Courts | ... | 206 | " of Law | 209 |
| " Judge | ... | 206 | Covenanted Civil Service | 99 |
| Civil Service | ... | 99-100 | Crew Lord ... | 61 |
| " " Statutory | ... | 101 | Curzon Lord | 235, 294 |
| " " Provincial | ... | 102 | Daroga | 214 |
| " Surgeon | ... | 95, 224 | Decentralisation | 86 |
| Codes ... | ... | 204 | Dehli province of | 69 |
| Collector of a District. | 87, | 88 | Deputy Collector | 89, 92 |
| " " Customs | ... | 97 | " Inspector | 98 |
| " " Salt Revenue... | 97 | | " " General | 99 |

INDEX.

| | | | | |
|--------------------------|-------------|-----|---|----------|
| Act Charter ... | 27, 28, 29, | 106 | Commission Lord Aitchison's. | 102 |
| " Council of India | 54, 60, | 61 | Commission Lord Wolby's ... | 63 |
| " Indian Councils | ... | 110 | Commission on Education of | 1882 |
| " Pitt's ... | ... 27, | 52 | | 227, 234 |
| " Of ... | 1833. 106, | 107 | " " Universities | |
| " " ... | 1858. 30, | 53 | " " of 1902 | 235 |
| " " ... | 1861. 109, | 206 | " " Plagne ... | 278 |
| Accounts Department | ... | 183 | " " Public services... | 99 |
| Additional Member | ... | 132 | " " Police of 1902, 218 | |
| Adalats ... | ... | 203 | " " Royal on | |
| Agriculture | | | Decentralisation ⁴³ , 79, 82, 296, 293 | |
| " Director of ... | ... | 97 | Commissioners ... | 93 |
| Andamans ... | ... | 225 | Commissioner Settlement ... | 97 |
| Appeals ... | ... | 280 | Committees of India Council. | 60 |
| Assessment ... | 184, 186, | 194 | Comptroller ... | 183 |
| Auditor General ... | ... | 183 | Conservator of Forests ... | 98 |
| Bengal ... | ... | 68 | Corporation ... | 148 |
| Berar ... | ... | 67 | " Commissioners of a | 150 |
| Bhamptas ... | ... | | " of Bombay ... | 149 |
| Board of Control ... | ... | 52 | " " Madras ... | 151 |
| Board of Revenue ... | ... | 94 | Council bills ... | 182 |
| " Military ... | 284, 285 | | " of India ... | 55, 56 |
| Board Railway ... | ... | 40 | " Members of Governor | |
| Boards Local ... | ... | 152 | General's executive ... | 40, 41 |
| Bombay ... | ... | 71 | " Secretary of State's ... | 54 |
| Chaukidars ... | ... | 220 | Court of Directors ... | 52 |
| Chief Commissioner ... | ... | 75 | Courts of Record ... | 201 |
| " Courts ... | ... | 206 | " of Law ... | 209 |
| " Judge ... | ... | 206 | Covenanted Civil Service ... | 99 |
| Civil Service ... | ...99-100 | | Crew Lord ... | 61 |
| " " Statutory ... | ... | 101 | Curzon Lord ... | 235, 294 |
| " " Provincial ... | ... | 102 | Daroga ... | 214 |
| " Surgeon ... | ...95, 224 | | Decentralisation ... | 86 |
| Codes ... | ... | 204 | Dehli province of ... | 69 |
| Collector of a District. | 87, | 88 | Deputy Collector ... | 89, 92 |
| " " Customs ... | ... | 97 | " Inspector ... | 98 |
| " " Salt Revenue... | ... | 97 | " " General ... | 99 |

1. *Introduction*
 2. *Methodology*
 3. *Results*
 4. *Discussion*
 5. *Conclusion*
 6. *References*
 7. *Appendix*
 8. *Index*
 9. *Glossary*
 10. *Notes*
 11. *Tables*
 12. *Figures*
 13. *Supplementary Materials*
 14. *Abstract*
 15. *Keywords*
 16. *Subject Headings*
 17. *Summary*
 18. *References*
 19. *Appendix*
 20. *Index*
 21. *Glossary*
 22. *Notes*
 23. *Tables*
 24. *Figures*
 25. *Supplementary Materials*
 26. *Abstract*
 27. *Keywords*
 28. *Subject Headings*
 29. *Summary*
 30. *References*
 31. *Appendix*
 32. *Index*
 33. *Glossary*
 34. *Notes*
 35. *Tables*
 36. *Figures*
 37. *Supplementary Materials*
 38. *Abstract*
 39. *Keywords*
 40. *Subject Headings*
 41. *Summary*
 42. *References*
 43. *Appendix*
 44. *Index*
 45. *Glossary*
 46. *Notes*
 47. *Tables*
 48. *Figures*
 49. *Supplementary Materials*
 50. *Abstract*
 51. *Keywords*
 52. *Subject Headings*
 53. *Summary*
 54. *References*
 55. *Appendix*
 56. *Index*
 57. *Glossary*
 58. *Notes*
 59. *Tables*
 60. *Figures*
 61. *Supplementary Materials*
 62. *Abstract*
 63. *Keywords*
 64. *Subject Headings*
 65. *Summary*
 66. *References*
 67. *Appendix*
 68. *Index*
 69. *Glossary*
 70. *Notes*
 71. *Tables*
 72. *Figures*
 73. *Supplementary Materials*
 74. *Abstract*
 75. *Keywords*
 76. *Subject Headings*
 77. *Summary*
 78. *References*
 79. *Appendix*
 80. *Index*
 81. *Glossary*
 82. *Notes*
 83. *Tables*
 84. *Figures*
 85. *Supplementary Materials*
 86. *Abstract*
 87. *Keywords*
 88. *Subject Headings*
 89. *Summary*
 90. *References*
 91. *Appendix*
 92. *Index*
 93. *Glossary*
 94. *Notes*
 95. *Tables*
 96. *Figures*
 97. *Supplementary Materials*
 98. *Abstract*
 99. *Keywords*
 100. *Subject Headings*
 101. *Summary*
 102. *References*
 103. *Appendix*
 104. *Index*
 105. *Glossary*
 106. *Notes*
 107. *Tables*
 108. *Figures*
 109. *Supplementary Materials*
 110. *Abstract*
 111. *Keywords*
 112. *Subject Headings*
 113. *Summary*
 114. *References*
 115. *Appendix*
 116. *Index*
 117. *Glossary*
 118. *Notes*
 119. *Tables*
 120. *Figures*
 121. *Supplementary Materials*
 122. *Abstract*
 123. *Keywords*
 124. *Subject Headings*
 125. *Summary*
 126. *References*
 127. *Appendix*
 128. *Index*
 129. *Glossary*
 130. *Notes*
 131. *Tables*
 132. *Figures*
 133. *Supplementary Materials*
 134. *Abstract*
 135. *Keywords*
 136. *Subject Headings*
 137. *Summary*
 138. *References*
 139. *Appendix*
 140. *Index*
 141. *Glossary*
 142. *Notes*
 143. *Tables*
 144. *Figures*
 145. *Supplementary Materials*
 146. *Abstract*
 147. *Keywords*
 148. *Subject Headings*
 149. *Summary*
 150. *References*
 151. *Appendix*
 152. *Index*
 153. *Glossary*
 154. *Notes*
 155. *Tables*
 156. *Figures*
 157. *Supplementary Materials*
 158. *Abstract*
 159. *Keywords*
 160. *Subject Headings*
 161. *Summary*
 162. *References*
 163. *Appendix*
 164. *Index*
 165. *Glossary*
 166. *Notes*
 167. *Tables*
 168. *Figures*
 169. *Supplementary Materials*
 170. *Abstract*
 171. *Keywords*
 172. *Subject Headings*
 173. *Summary*
 174. *References*
 175. *Appendix*
 176. *Index*
 177. *Glossary*
 178. *Notes*
 179. *Tables*
 180. *Figures*
 181. *Supplementary Materials*
 182. *Abstract*
 183. *Keywords*
 184. *Subject Headings*
 185. *Summary*
 186. *References*
 187. *Appendix*
 188. *Index*
 189. *Glossary*
 190. *Notes*
 191. *Tables*
 192. *Figures*
 193. *Supplementary Materials*
 194. *Abstract*
 195. *Keywords*
 196. *Subject Headings*
 197. *Summary*
 198. *References*
 199. *Appendix*
 200. *Index*
 201. *Glossary*
 202. *Notes*
 203. *Tables*
 204. *Figures*
 205. *Supplementary Materials*
 206. *Abstract*
 207. *Keywords*
 208. *Subject Headings*
 209. *Summary*
 210. *References*
 211. *Appendix*
 212. *Index*
 213. *Glossary*
 214. *Notes*
 215. *Tables*
 216. *Figures*
 217. *Supplementary Materials*
 218. *Abstract*
 219. *Keywords*
 220. *Subject Headings*
 221. *Summary*
 222. *References*
 223. *Appendix*
 224. *Index*
 225. *Glossary*
 226. *Notes*
 227. *Tables*
 228. *Figures*
 229. *Supplementary Materials*
 230. *Abstract*
 231. *Keywords*
 232. *Subject Headings*
 233. *Summary*
 234. *References*
 235. *Appendix*
 236. *Index*
 237. *Glossary*
 238. *Notes*
 239. *Tables*
 240. *Figures*
 241. *Supplementary Materials*
 242. *Abstract*
 243. *Keywords*
 244. *Subject Headings*
 245. *Summary*
 246. *References*
 247. *Appendix*
 248. *Index*
 249. *Glossary*
 250. *Notes*
 251. *Tables*
 252. *Figures*
 253. *Supplementary Materials*
 254. <

| | | | |
|----------------------------------|--------------|----------------------------------|--------------|
| Director of Agriculture ... | 98 | Government of India ... | 45 |
| " of Public Instruction ... | 98, 236 | " " " Powers of ... | 48 |
| Directors Court of ... | 52 | " " " & Local ... | |
| District ... | 87 | Governments | 85 |
| " Administration of ... | 91 | Governor ... | 71 |
| " Board ... | 153 | Governor General ... | 27-29, 36-37 |
| " President of ... | 155 | " " Executive ... | |
| " Sub-divisions of a ... | 89 | Business of ... | 37 |
| " Judge ... | 206 | " " Council of ... | 32, 40 |
| " Magistrate ... | 207 | Health Officers ... | 279, 281 |
| Diwani ... | 202 | High Courts ... | 204 |
| East India Company ... | 4, 52 | Home Charges ... | 181 |
| Education before the British ... | 230 | Honorary Magistrate ... | 208 |
| " Compulsory ... | 238 | Hospitals ... | 272, 273 |
| " Member for ... | 235 | Imperial Revenue ... | 164 |
| " Primary ... | 238 | Income tax ... | 176 |
| " Secondary ... | 240 | India Council ... | 50, 60, 61 |
| Educational department ... | 40, 98 | " " Reform of ... | 62 |
| " Controversy ... | 231-232 | Indian Budget Debate ... | 59 |
| " Institutions ... | 233 | Indian Councils Act ... | 110, 113 |
| " Institutions Private ... | | Inspector General of Police ... | 99 |
| and Public ... | 236 | " " " Prisons ... | 99 |
| Electorate ... | 135 | Investigation Department ... | 218 |
| Engineer Chief ... | 99 | Irrigation Commission ... | 295 |
| " Executive ... | 99 | Jails ... | 223 |
| " Superintending ... | 90 | " officers of ... | 224 |
| European British Subject ... | 211 | " Reform of ... | 223, 224 |
| " " " trial of ... | 212 | Janabandi ... | 91 |
| Executive Council Viceroy's ... | 33-35, 40-43 | Justice of the peace ... | 207 |
| Famine relief ... | 180 | Kotwal ... | 213 |
| Finance Department ... | 183 | Kulkarni ... | 91 |
| " Member ... | 130 | Land-Revenue ... | 194 |
| Foreign Department ... | 42 | " " Principle of ... | 194 |
| " Member ... | 41, 42 | " " Remission of ... | 198 |
| Foreign Political Department ... | 40, 41 | " " Suspension of ... | 198 |
| Forest revenue from ... | 171 | Land Tenure ... | 189 |
| Foujdari ... | 202 | Legislative Councils ... | 105-112 |
| French in India ... | 6-8 | " " Constitu-
tion of ... | 121 |
| Functions of Government of ... | | " " Features of ... | 129, 132 |
| India ... | 43 | " " Imperial ... | 115 |
| Gokhale Hon. Mr. ... | 238 | " Councils of Provin-
ces ... | 115-120 |
| Gold Standard Reserve Fund ... | 182 | Lieutenant Governor ... | 75 |

| | | | |
|---------------------------------------|--------------|--------------------------------|--------------|
| Director of Agriculture ... | 98 | Government of India ... | 45 |
| „ of Public Instruction ... | 98, 236 | „ „ „ Powers of ... | 48 |
| Directors Court of ... | 52 | „ „ „ & Local Governments... | 85 |
| District ... | 87 | Governor ... | 71 |
| „ Administration of ... | 91 | Governor General ... | 27-29, 36-37 |
| „ Board ... | 153 | „ „ Executive business of ... | 37 |
| „ President of ... | 155 | „ „ Council of ... | 32, 40 |
| „ Sub-divisions of a ... | 89 | Health Officers ... | 279, 281 |
| „ Judge ... | 206 | High Courts... .. | 204 |
| „ Magistrate ... | 207 | Home Charges ... | 181 |
| Diwani ... | 202 | Honorary Magistrate... .. | 208 |
| East India Company ... | 4, 52 | Hospitals ... | 272, 273 |
| Education before the British | 230 | Imperial Revenue ... | 164 |
| „ Compulsory | 238 | Income tax ... | 176 |
| „ Member for | 235 | India Council ... | 50, 60, 61 |
| „ Primary | 238 | „ „ Reform of ... | 62 |
| „ Secondary | 240 | Indian Budget Debate ... | 59 |
| Educational department ... | 40, 98 | Indian Councils Act ... | 110, 113 |
| „ Controversy | 231-232 | Inspector General of Police... | 99 |
| „ Institutions | 233 | „ „ „ Prisons. | 99 |
| „ Institutions Private and Public ... | 236 | Investigation Department ... | 218 |
| Electorate... .. | 135 | Irrigation Commission ... | 295 |
| Engineer Chief ... | 99 | Jails ... | 223 |
| „ Executive ... | 99 | „ officers of ... | 224 |
| „ Superintending ... | 90 | „ Reform of ... | 223, 224 |
| European British Subject | 211 | Janabandi ... | 91 |
| „ „ „ trial of | 212 | Justice of the peace ... | 207 |
| Executive Council Viceroy's | 33-35, 40-43 | Kotwal ... | 213 |
| Famine relief ... | 180 | Kulkarni ... | 91 |
| Finance Department ... | 183 | Land-Revenue ... | 194 |
| „ Member ... | 130 | „ „ Principle of | 194 |
| Foreign Department ... | 42 | „ „ Remission of | 198 |
| „ Member ... | 41, 42 | „ „ Suspension of | 198 |
| Foreign Political Department | 40, 41 | Land Tenure... .. | 189 |
| Forest revenue from... .. | 171 | Legislative Councils | 105-112 |
| Foujdari ... | 202 | „ „ Constitution of..... | 121 |
| French in India ... | 6-8 | „ „ Features of ... | 129, 132 |
| Functions of Government of India ... | 43 | „ „ Imperial | 115 |
| Gokhale Hon.Mr. ... | 238 | „ „ Councils of Provin-ces | 115-120 |
| Gold Standard Reserve Fund. | 182 | Lieutenant Governor ... | 75 |

一、
二、
三、
四、
五、
六、
七、
八、
九、
十、
十一、
十二、
十三、
十四、
十五、
十六、
十七、
十八、
十九、
二十、
二十一、
二十二、
二十三、
二十四、
二十五、
二十六、
二十七、
二十八、
二十九、
三十、
三十一、
三十二、
三十三、
三十四、
三十五、
三十六、
三十七、
三十八、
三十九、
四十、
四十一、
四十二、
四十三、
四十四、
四十五、
四十六、
四十七、
四十八、
四十九、
五十、
五十一、
五十二、
五十三、
五十四、
五十五、
五十六、
五十七、
五十八、
五十九、
六十、
六十一、
六十二、
六十三、
六十四、
六十五、
六十六、
六十七、
六十八、
六十九、
七十、
七十一、
七十二、
七十三、
七十四、
七十五、
七十六、
七十七、
七十八、
七十九、
八十、
八十一、
八十二、
八十三、
八十四、
八十五、
八十六、
八十七、
八十八、
八十九、
九十、
九十一、
九十二、
九十三、
九十四、
九十五、
九十六、
九十七、
九十八、
九十九、
一百、

一、
二、
三、
四、
五、
六、
七、
八、
九、
十、
十一、
十二、
十三、
十四、
十五、
十六、
十七、
十八、
十九、
二十、
二十一、
二十二、
二十三、
二十四、
二十五、
二十六、
二十七、
二十八、
二十九、
三十、
三十一、
三十二、
三十三、
三十四、
三十五、
三十六、
三十七、
三十八、
三十九、
四十、
四十一、
四十二、
四十三、
四十四、
四十五、
四十六、
四十七、
四十八、
四十九、
五十、
五十一、
五十二、
五十三、
五十四、
五十五、
五十六、
五十七、
五十八、
五十九、
六十、
六十一、
六十二、
六十三、
六十四、
六十五、
六十六、
六十七、
六十八、
六十九、
七十、
七十一、
七十二、
七十三、
七十四、
七十五、
七十六、
七十七、
七十八、
七十九、
八十、
八十一、
八十二、
八十三、
八十四、
八十五、
八十六、
八十七、
八十八、
八十九、
九十、
九十一、
九十二、
九十三、
九十四、
九十五、
九十六、
九十七、
九十八、
九十九、
一百、

| | | | |
|------------------------------------|----------|----------------------------------|----------|
| Local Boards | 152 | Police administration | 220 |
| Local Government | 137 | " Before the British | 213 |
| " " Sphere of | 137 | " Charges | 222 |
| " Government before | | " Number of | 222 |
| the British rule | 138 | " Officers | 217-220 |
| Lunatic Asylums... .. | 274 | " Prosecution | 221 |
| Macaulay Lord | 231 | " Railway | 221 |
| Madras | 71 | " Reform | 214-217 |
| " Corporation of | 151 | " Stations | 220 |
| " Legislative Council of | 115 | Police Superintendent | 95 |
| Magistrate-Collector | 89, 95 | Population | 22, 23 |
| " 1st, 2nd, and 3rd class | 208 | Port Blair | 225 |
| Magistrate of District etc. | 207-208 | Port Trusts | 156 |
| Mahalwar settlement | 190 | Presidency Magistrate | 207 |
| Malguzari " | 139 | Presidencies | 25 |
| Mamlatdar | 91 | Provinces | 70, 74 |
| Marathas | 11 | Provincial adjustments | 166 |
| Mayor's Courts | 202 | Provincial Balances | 167 |
| Members of councils... .. | 40 | " Government | 73-81 |
| " Municipal Councils | 140 | " Revenue | 164 |
| Minute Macaulay's | 231-232 | Public Works Organization | 296, 298 |
| Moghul Empire | 10 | Railway Board | 40 |
| Morley Lord | 48 | " " Construction | 286, 289 |
| Municipality... .. | 139 | Rayatwari system | 187, 190 |
| " Constitution of a | 146 | Record of rights | 193 |
| " Councils of a | 145 | Reform dispatch of 1903 | 122 |
| " Monetary affairs of a | 145 | Reformatory Schools | 224 |
| " President of a | 140 | Regulating Act | 26 |
| " Purposes of a | 139, 144 | Regulation Province... .. | 76 |
| Munsiffs | 207 | Regulations of Imperial Legis- | |
| Native States | 21 | lative Council election | 123-128 |
| Nizam of Hyderabad | 67 | Revenue Commissioner | 92 |
| Nizamat | 214 | " Courts | 209 |
| Non-regulation province | 76 | Revenue tabulated | 169 |
| Non-taxation revenue... .. | 171 | Revenues sources of | 178 |
| Opium from Malva | 172 | Sadar Amin | 202 |
| " Provision | 172 | " Diwani Adalat | 203 |
| " Revenue | 171 | " Nizamat Adalat | 203 |
| Oudh | 66 | Salt tax | 173 |
| Panchayat | 135 | Sanitary Board | 279 |
| Parliament | 50-51 | Sanitary Commissioner | 98, 278 |
| Patel | 91 | " Department | 98 |
| Penal Code | 204 | Sanitation Rural | 282 |
| Permanent settlement | 163 | School Final Examination | 240 |
| " " in Bengal | 190, 196 | | |

| | | | |
|------------------------------------|----------|--|----------|
| Local Boards | 152 | Police administration | 220 |
| Local Government | 137 | " Before the British | 213 |
| " " Sphere of | 137 | " Charges | 222 |
| " Government before | | " Number of | 222 |
| the British rule | 138 | " Officers | 217-220 |
| Lunatic Asylums... .. | 274 | " Prosecution | 221 |
| Macaulay Lord | 231 | " Railway | 221 |
| Madras | 71 | " Reform | 214-217 |
| " Corporation of | 151 | " Stations | 220 |
| " Legislative Council of | 115 | Police Superintendent | 95 |
| Magistrate-Collector | 89, 95 | Population | 22, 23 |
| " 1st, 2nd, and 3rd class | 208 | Port Blair | 225 |
| Magistrate of District etc. | 207-208 | Port Trusts | 156 |
| Mahalwar settlement | 190 | Presidency Magistrate | 207 |
| Malguzari | 190 | Presidencies | 25 |
| Mamlatdar | 91 | Provinces | 70, 74 |
| Marathas | 11 | Provincial adjustments | 166 |
| Mayor's Courts | 202 | Provincial Balances | 167 |
| Members of councils... .. | 40 | " Government | 73-81 |
| " Municipal Councils | 140 | " Revenue | 164 |
| Minute Macaulay's | 231-232 | Public Works Organization | 296, 298 |
| Moghul Empire | 10 | Railway Board | 40 |
| Morley Lord | 48 | " " Construction | 286, 289 |
| Municipality... .. | 139 | Rayatwari system | 187, 190 |
| " Constitution of a | 146 | Record of rights | 193 |
| " Councils of a | 145 | Reform dispatch of 1903 | 122 |
| " Monetary affairs of a | 145 | Reformatory Schools | 224 |
| " President of a | 140 | Regulating Act | 26 |
| " Purposes of a | 139, 144 | Regulation Province... .. | 76 |
| Munsiffs | 207 | Regulations of Imperial Legis-
lative Council election | 123-128 |
| Native States | 21 | Revenue Commissioner | 92 |
| Nizam of Hyderabad | 67 | " Courts | 209 |
| Nizamat | 214 | Revenue tabulated | 169 |
| Non-regulation province | 76 | Revenues sources of | 178 |
| Non-taxation revenue... .. | 171 | Sadar Amin | 202 |
| Opium from Malva | 172 | " Diwani Adalat | 203 |
| " Provision | 172 | " Nizamat Adalat | 203 |
| " Revenue | 171 | Salt tax | 173 |
| Oudh | 66 | Sanitary Board | 279 |
| Panchayat | 135 | Sanitary Commissioner | 98, 278 |
| Parliament | 50-51 | " Department | 98 |
| Patel | 91 | Sanitation Rural | 282 |
| Penal Code | 204 | School Final Examination | 240 |
| Permanent settlement | 163 | | |
| " " in Bengal | 190, 196 | | |

一、（一） 凡屬本會之職員，其選舉及罷免，均須經本會會員大會之決議。

二、（二） 凡屬本會之職員，其任期均為一年，自一月一日起至十二月三十一日止。

三、（三） 凡屬本會之職員，其任期均為一年，自一月一日起至十二月三十一日止。

四、（四） 凡屬本會之職員，其任期均為一年，自一月一日起至十二月三十一日止。

| | | | | | | |
|----------------------|-----|----------|---------------------------------|-----|-----|-----|
| Schools | ... | 236-237 | Talukas Board of | ... | ... | 153 |
| " Secondary | ... | 239 | Tax theory | ... | ... | 158 |
| " " Reform of | ... | 240 | Taxation-revenue | ... | ... | 171 |
| Secretary of State | ... | 24-25 | Tenancy | ... | ... | 199 |
| " " Council of | ... | 51 | " Acts | ... | ... | 200 |
| " " Duties of | ... | 45 | Thagi Department | ... | ... | 222 |
| " " Powers of | ... | 48 | Thanas | ... | ... | 217 |
| " " State's relation | ... | ... | Theory of State-Land-lordism | ... | ... | 188 |
| to India Government | ... | 46, 48 | Torture Commission | ... | ... | 217 |
| Sessions Judge | ... | 203, 207 | Town & city (difference) | ... | ... | 140 |
| Settlement of Land | ... | 190 | Town Council | ... | ... | 149 |
| " Officer | ... | 192 | Training Schools for Constables | ... | ... | 221 |
| Sikhs | ... | 17 | Transportation | ... | ... | 225 |
| Sind Police | ... | 216 | Unions... | ... | ... | 153 |
| Small causes Court | ... | 207 | Universities | ... | ... | 234 |
| Stratohey Sir John | ... | 50 | " Act | ... | ... | 235 |
| Subordinate Judge | ... | 203, 206 | Valentine Chirol | ... | ... | 48 |
| Suits | ... | 210-211 | Viceroy | ... | ... | 31 |
| Supreme Court | ... | 202 | Village Community | ... | ... | 138 |
| Surgeon General | ... | 98 | Warren Hastings | ... | ... | 37 |
| Survey of land | ... | 193 | Wood's Sir Charles Despatch | ... | ... | 227 |
| Tahsildar | ... | 90 | Zamindar | ... | ... | 185 |
| Taluka | ... | 91 | Zamindari | ... | ... | 190 |

| | | | | | | |
|----------------------|-----|----------|---------------------------------|-----|-----|-----|
| Schools | ... | 236-237 | Talukas Board of | ... | ... | 153 |
| „ Secondary | ... | 239 | Tax theory | ... | ... | 158 |
| „ „ Reform of | ... | 240 | Taxation-revenue | ... | ... | 171 |
| Secretary of State | ... | 24-25 | Tenancy | ... | ... | 199 |
| „ „ Council of | ... | 51 | „ Acts | ... | ... | 200 |
| „ „ Duties of | ... | 45 | Thagi Department | ... | ... | 222 |
| „ „ Powers of | ... | 48 | Thanas | ... | ... | 217 |
| „ „ State's relation | ... | ... | Theory of State-Land-lordism | ... | ... | 188 |
| to India Government | ... | 46, 48 | Torture Commission | ... | ... | 217 |
| Sessions Judge | ... | 203, 207 | Town & city (difference) | ... | ... | 140 |
| Settlement of Land | ... | 190 | Town Council | ... | ... | 149 |
| „ Officer | ... | 192 | Training Schools for Constables | ... | ... | 221 |
| Sikhs | ... | 17 | Transportation | ... | ... | 225 |
| Sind Police | ... | 216 | Unions... | ... | ... | 153 |
| Small causes Court | ... | 207 | Universities | ... | ... | 234 |
| Stratohey Sir John | ... | 50 | „ Act | ... | ... | 235 |
| Subordinate Judge | ... | 203, 206 | Valentine Chirol | ... | ... | 48 |
| Suits | ... | 210-211 | Viceroy | ... | ... | 31 |
| Supreme Court | ... | 202 | Village Community | ... | ... | 138 |
| Surgeon General | ... | 98 | Warren Hastings | ... | ... | 37 |
| Survey of land | ... | 193 | Wood's Sir Charles Despatch | ... | ... | 227 |
| Tahsildar | ... | 90 | Zamindar | ... | ... | 185 |
| Taluka | ... | 91 | Zamindari | ... | ... | 190 |

卷之四

四

五

六

七

八

九

十

十一

十二

十三

十四

十五

十六

十七

十八

十九

二十

二十一

二十二

二十三